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THE JUNIOR COLLEGE JOURNAL

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Education in Democracy

[EDITORIAL]

In the year 1814 Fichte, the celebrated German philosopher, died. By his fiery eloquence and fervent appeals he had revitalized the Prussian people and set them on the path of educational reform. Through the whole-hearted adoption of Pestalozzian methods of elementary instruction they became the most literate people in the world. Fichte's death left vacant the chair of philosophy at the University of Berlin, the most powerful academic post of its kind. For four years this place remained vacant, indicative of the immense significance attached to the character of its incumbent.

Two philosophers were considered for the vacant post. The first was the ponderous, abstract, mechanistic Hegel; the other was the equally comprehensive Krause. Both believed in an organismic universe. Hegel held that the state is the highest form of human organization, and that it is a personality. The monarch and his official family constitute the brain and intelligence of the state and must therefore rule the state; the common people are the bone and sinew of the nation and must blindly obey and perform. Democracy is a weak and impossible form of government.

Krause, too, believed in organismic life, but for him society in its widest scope is the unit. All humanity receives

life, intelligence, cohesiveness and unity from one central source, from the Universal Spirit, from God. Krause took a universalistic, humanitarian attitude. He believed in freedom and democracy. A century before the League of Nations was formed, and long before Tennyson dreamed of "The Parliament of Mankind", Krause advocated a "Federation of Humanity" based upon love, reason, justice, and wisdom. All human progress, peace and happiness spring from freedom and spiritual ideals, from God. Avoiding the pitfall of Pantheism, Krause adopted a philosophy of Panentheism, that is to say, the belief that all things evolve in God and must be the expression of His Spirit of justice, love, and harmony.

At length in 1818 Hegel was chosen for the chair of philosophy in the University of Berlin. It was a most momentous choice. The die was cast. Hegel's philosophy of nationalism became the dominant view of higher education, first in Prussia and then in all Germany. The Prussian spirit of ruthlessness, power politics, the domination of the masses by the King and his appointees, the hamstringing of the spirit of free democracy took firm hold upon the educated classes throughout the Fatherland. Humanitarianism and universalism were henceforth utterly discarded. Freedom of learning and freedom of teaching, which had made the Universities of Germany famous, were soon placed on the defensive. Higher education became a means of propaganda. Friedrich Paulsen was the last German professor and scholar who dared to criticize the political drift.

The best representative of the philosophy of Krause in the field of education was that gentle spirit who founded the kindergarten, Friedrich Froebel. Returning from the Napoleonic war of 1812-15, in the spirit of nationalism he founded in 1816 "An Educational Institute for Young Germans." Coming under the benign and broadening influence of Krause, ten years later Froebel wrote his classical work The Education of Man. No longer did he conceive education as the making of young Germans, but only the education of human beings. Education became the process primarily of humanizing the young. Rousseau had contrasted the citizen and the man, and warned against the attempt to make both at once; he, therefore, chose to educate man as man. Froebel's system was banned from Prussia, and he declared that only in free America would it be fully adopted.

This interesting historical movement may be used to suggest to our minds several highly important points. First, the motivating forces in any civilization are ideas or a philosophy of life and government. Second, this philosophy must be built into the souls of the youth. Third, it is the junior college of America which must be utilized to mold the citizenship of the future. Fourth, America must assume leadership of higher culture in the world.

Objections from isolationism and patriotism will be raised immediately. I submit, however, to the higher judgment of every man that America today is at the crossroads, as was Germany a century ago. To choose the way of narrowness, complacency and selfishness is to condemn civilization to blindness and bondage for untold generations. The highest form of patriotism exalts the best in our national and racial heritage; at the same time it recognizes that the best must be universal, and consequently the highest good for one race or people must be the good of all races and nations.

In the new era now awakening a narrow interpretation of democracy and citizenship will be out of place. Our people must henceforth think in terms of continents and of all the people of all the world. The inventions of our day, the radio, the airplane, television, in fact, all science, admonish us that the day of racial or national provincialism is out of date. The concepts of justice and good-will know no boundary lines.

The junior college comprehends the closing period for general or liberal education for American youths. junior college and the junior college level of our senior institutions are the institutions in which the youth must be given the broad vision of a new and more comprehensive civilization. This new civilization must not be founded upon force, power politics or militarism, but upon freed intelligence, good-will, the spirit of the good neighbor. Education for democracy is a term of duplicate signification. It may mean education for efficient participation in our democratic government. It may also mean acquiring a democratic spirit and attitude toward all men. Only in this cosmopolitan sense can democracy become the hope of mankind.

FREDERICK EBY.

The Effective Junior College Instructor

J. F. MEAD*

In 1935 the results of a nation-wide survey conducted under the direction of Anna Y. Reed were published under the title of *The Effective and the Ineffective College Teacher*.¹ The Reed study, which was financed by the Carnegie Foundation of New York and the National Personnel Service, Incorporated, is probably the most comprehensive and most intensive effort attempted to date to determine the factors in efficient and inefficient teaching on the college level.

The Reed study, however, is confined to senior colleges and universities. Consequently there is a need for a similar study on the junior college level to ascertain:

1. In what respects the desirable characteristics of senior college teachers revealed in the Reed study are equally desirable for efficient teaching on the junior college level.

2. In what respects the characteristics of inefficient senior college instructors prove equally undesirable in junior college instructors.

3. The extent of agreement between senior college and junior college administrators on desirable and undesirable characteristics of college teachers.

The present study was undertaken in an effort to answer these questions. Part of the same questionnaire employed in the Reed study was used in the present investigation; but only the topics dealing with the selection of teachers and the evaluation of teaching efficiency (Topics I, II, and III) and those dealing with rusty, ineffective, or undesirable college teachers (Topics IV, V, XVII, and XVIII) were included because limitations of time and resources made impossible the use of two separate questionnaires, as in the case of the Reed study.

To secure data, printed copies of the topics listed above were mailed to the administrative heads of all junior colleges, both public and private, holding 1939 membership in the American Association of Junior Colleges. Of the 325 junior colleges included in the 1939 membership list, 194 responded to the questionnaire. Of the 194 reporting institutions, 101 are publicly controlled, while 93 are private junior colleges. Returns were received from 44 of the 48 states as well as from the District of Columbia and the Canal Zone.

Of the 194 returned questionnaires, 101 were signed by presidents of the institutions, 73 by deans, and the remaining 20 by various other administrative officers. It is therefore evident that the number and geographical distribution of the returns, as well as the sources of information employed, are such as to afford a rather authoritative picture of the judgments of junior college administrators on the topics included in the questionnaire.

The Selection of Teachers and the Evaluation of Teaching Efficiency (Topics I, II, III)

Topics I, II, and III deal with the selection of junior college teachers and the evaluation of their teaching efficiency

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¹ Anna Y. Reed, The Effective and the Ineffective College Teacher (American Book Co., New York. 1935).

after induction. Topic I considers four aspects of teacher selection: (1) "Most Desirable" Teaching Qualifications, (2) "Least Desirable" Teaching Qualifications, (3) Qualifications "Most Difficult" to Secure, and (4) Qualifications "Least Difficult" to Secure.

1. "Most Desirable" and "Least Desirable" Qualifications. As "Most desirable" qualifications, arts college, teachers college, and junior college administrators all emphasize "broad general scholarship," "inspirational power," "social culture," "potential teaching efficiency," and "specialized knowledge." All three groups rank "ability to advertise the institution," "previous secondary school or college teaching experience, and "ability to write texts and articles" among the "least desirable" qualifications. Junior college officials, however, attach considerably more importance to a teacher's "popularity with students" and place slightly more stress on "previous college teaching experience" than do the other two groups. All three groups agree that "broad general scholarship" is the most desirable single qualification; that "inspirational power" and "originality" are the most difficult to obtain; and that "secondary school teaching experience" is the least difficult "Research ability" is also rated as highly "undesirable" and among the easiest abilities to secure, especially by the junior college group.

2. Characteristics of "Highest Value" and "Lowest Value" in Rating Teaching Efficiency. Topic II inquires as to what characteristics college administrators regard of "highest value" and contrasts these with those deemed of "lowest value" in rating teaching efficiency after induction. Junior college administrators agree in general with senior college officers in ranking the following char-

acteristics as of "highest value" in rating teaching efficiency: "sympathetic attitude toward students," "stimulating intellectual curiosity," "broad knowledge of subject taught," "wholesome influence on student morale," and "carefully planned school work." All of these were placed among the first five in importance by the junior college group. Characteristics given first rankings by junior college heads as having "lowest value" for rating teaching efficiency are in rank order: "research," "chief concern for ablest students," "ability to contribute to extra-curricular activities," "balanced appreciation of his department in relation to other departments," and "broad social sympathies." All of these are placed in the same category by the Reed study, though not in the same rank order, except "balanced appreciation of his department in relation to other departments," which is ranked sixth and seventh by the teachers college and arts groups respectively.

3. Sources of "Highest Value" and "Lowest Value" in Evaluating Teaching Efficiency. Topic III offers administrators an opportunity to indicate what sources of information they regard as of "highest value" for evaluating teaching efficiency, as well as to indicate those regarded as of "lowest value" for the same purpose. All three groups place the "highest value" in rating teaching efficiency on "personal interviews and contacts," "rating by deans," and "rating by department heads." The three groups likewise agree that "unsolicited reports and contacts," "questionnaires to graduates," and "surveys by outside agencies" are sources of "lowest value" in rating teaching efficiency. In addition, junior college heads place a very low value on "comprehensive examinations for

The Typical Rusty, Ineffective, or Undesirable Junior College Teacher (Topics IV, V, VI, and VII)

On the whole the returns from the topics listed above paint a picture of the rusty, ineffective, or undersirable junior college teacher who very closely resembles his senior college prototoype. He appears to be present in slightly fewer numbers than in senior institutions, but still constitutes the administrator's major problem in teaching efficiency

in junior colleges.

1. Causal Factors of Greatest and Least Importance in Teaching Inefficiency of Experienced and Inexperienced Teachers. The most important causal factors in the inefficiency of the experienced college teacher are his "averseness or indifference to modern trends," his "mental inertia," and his "lack of ability to profit from constructive criticism" and "lack of ability to inspire young people," though he is not so likely to be "too departmental minded" or so "professionally jealous" as the rusty experienced senior college instructor.

The typical inexperienced junior college teacher is characterized by his "ill adaptation by character and personality to teaching," by his "lack of inspirational ability," his "lack of experience," his "lack of ability to profit from constructive criticism," and by his "egotism." By comparison, however, he is not so likely to be handicapped by "social distractions" or "faulty instructional methods" as is the inefficient inexperienced senior college teacher.

Factors of least importance in impairing teaching efficiency after induction among experienced junior college faculty members are "degree chasing," a "tendency to bluff," "tardiness," "social distractions," and "research publication." For inexperienced junior college instructors, "failing health," "domestic

problems," "professional discouragement," "outside remunerative activities," and "dividing of time between teaching and other administrative duties" are considered by administrators as the factors of least importance in causing inefficiency.

2. Principal Causal Factors of Rusti-The principal causal factors of rustiness in junior colleges are "staleness," "self-satisfaction," "laziness," "lack of professional mindedness," and "temperamental instability." A smaller percentage of rustiness is reported in junior colleges than in senior institutions; but all participants report that more than 40 per cent of their rusty teachers probably bore earmarks of rustiness when younger, though one-third of these rusty teachers are eliminated, according to administrative estimates, before their potentialities have time to develop.

3. "Crucial" Age for Rustiness. The "crucial" age for rustiness in junior college teachers appears to be between 30 and 40, though women, according to administrative opinion, fall victims somewhat earlier. "Security of position," "completing advanced degrees," and "loss of a desire for change" are considered by administrators to be the most dangerous stages for rustiness to develop among junior as well as senior college instructors.

4. Prevention of Rustiness and Possible Rehabilitation of Rusty Teachers. Junior college officials on the whole believe that fair or good teachers can be prevented from developing into rusty teachers by "supervision," "administrative leadership," "travel," "advanced study," "research," "sabbatical leaves," and "encouragement by salary increases and security of tenure." Likewise a smaller majority of junior college executives think that rusty teachers can be

rehabilitated through such measures as "change of work or position," "additional study," "salary cuts or loss of tenure," "leaves of absence or transfer to other institutions," and "administrative leadership."

In general, the typical rusty junior college teacher may be said to resemble rather closely the typical rusty senior college teacher as described in the Reed study.

Contrasts Between Desirable Qualifications of Junior and Senior College Teachers

On the whole, junior and senior college administrators agree rather closely as to what constitute the most desirable qualifications for college teaching. difference in rankings of certain qualifications, however, suggests that certain teaching characteristics are more in demand on the junior college than on the senior college level. For example, the ideal junior college instructor as seen through administrative eyes is one with less specialized knowledge and research ability than thought desirable by the average senior college executive. On the other hand, ability to be popular with students and to inspire students is emphasized more strongly by junior than by senior college officers of administration. Likewise, junior college administrators are less concerned about a teacher's established reputation and his "productivity" than are senior college heads. Potential teaching efficiency is a qualification more highly prized in junior than in senior colleges, as is previous college teaching experience. The ideal junior college instructor is found to be a bit more sympathetic in his attitude toward students but a bit less departmental minded and professionally jealous than if he were on the instructional staff of a senior college. With the few exceptions noted above,

desirable qualifications for junior college instructors may be said to parallel closely those sought by senior college administrators.

Recommendations to Institutions Training College Teachers

The chief challenge confronting institutions engaged in training college teachers, whether for service on the junior or senior level, is that of selecting young men and women who not only possess the desirable qualifications as determined in this and the Reed study, but who also are free from potential rustiness. Both junior and senior college administrators agree that rustiness is their gravest problem in maintaining teaching efficiency. The data in the present study show that rusty teachers are a more serious handicap to instructional efficiency than are inexperienced teachers plus all other causes combined.

Though rustiness is slightly less prevalent among junior college faculties than among senior college teachers, all three groups of participating executives report that an average of 40 per cent of their rusty instructors probably bore earmarks of rustiness when younger. Consequently this question may well be raised: Are college administrators able to recognize these early signs of rustiness, or are they compelled to accept certain potentially rusty teachers in order to fill vacancies? The fact that approximately one third of these potentially rusty teachers are eliminated early in their teaching careers offers a note of encouragement; but what a tremendous waste of human time and energy could be avoided if colleges and universities engaged in training prospective college teachers could, by vocational guidance or otherwise, save the potentially rusty teacher the embarrassment of elimination early in his career. And what a service to higher education

if the potentially rusty instructor were detected in time to save young minds and spirits the torture of wasted hours with a misfit instructor! Unfortunately, the assumption is still rather common that persons who can earn advanced degrees are capable of instructing on the college level. As a result of this assumption, the whole superstructure of higher education is weakened by the deadwood of rustiness.

Furthermore, if by their own estimates, college administrators admit that 10 per cent or more of their faculties are rusty, is it not likely that the actual percentage exceeds that figure? It is human nature for any administrative head to give his own institution the benefit of the doubt. If college students had done the estimating, what percentage of college faculties would have been classified as rusty?

In view of the findings of this as well as the Reed study, institutions engaged in training college teachers for all levels of college instruction should consider shifting their present emphasis on research ability and specialized knowledge as teaching prerequisites, substituting therefor a program designed to select and train young men and women of broad general culture, scholarship, and inspirational ability. College administrators are almost unanimous in rating a sympathetic attitude toward students, the knack of stimulating mental curiosity, a broad (rather than a narrow) knowledge of the subject taught, and a wholesome influence on student morale above research ability and "productivity" as characteristics of highest value in college teaching. Potential teachers, rather than potential research specialists, appear to be the chief need of the typical college faculty.

LIBRARY CORNER STONE

Founders' Day exercises were combined with the laying of the corner stone of the new Merner-Pfeiffer library at Tennessee Wesleyan College, November 20. The Founders' Day address was given by a graduate of the college of the class of 1891, Judge Xen Hicks, of the federal circuit court of appeals at Cincinnati. The corner stone of the new library was laid by Bishop Paul B. Kern. Music was furnished by the college chorus. A drama in verse, "Legend of Nocatula," was given by the Tewesco players.

BUILDING \$250,000 PLANT

During 1939, a successful campaign was conducted locally to raise funds for a new and much-needed \$250,000 plant to house the increasing student body of St. Petersburg Junior College, Florida. A 25-acre tract on Eaglecrest lake, four miles from the present building, has been transferred to the college by the city. At the front will be the administration section, flanked by classrooms. Physical and chemical laboratories will form the two wings at the ends of the Centrally, between the two building. wings and back of the administration section, will be the auditorium with a seating capacity of approximately 700. Over the administration section will be the library and faculty room. The building will be of modern Spanish architecture, and will cover approximately one-third of an acre. It will be of fireproof construction, and fitted with a steam heating system.

DISTINCTION FOR WEYLISTER

Weylister Secretarial Junior College, Connecticut, rose from third place last year to first place this year in the rating of secretarial schools and colleges throughout the nation, according to the results of the second annual new type nation-wide shorthand contest held last April.

Remedial Reading for Freshmen

P. MERVILLE LARSON*

A course in remedial reading for college freshmen is described in the following outline.

THE GROUP AND ITS SELECTION

At the opening of the fall semester all college students are given the American Council Psychological Tests, the Cross English Test, and the Nelson-Denny Reading Test. Students rating in the lowest third in the terms of standard scores were assigned to this class, for which two hours' terminal credit was to be given.

Within the first week the Iowa Reading Test Form A, and the Stanford Tests were given for diagnostic purposes.

The Miller-Murray Personality Inventory was given for them to check outside the classroom. While many errors, especially wishful responses, probably entered into this, three-fourths of the class indicated a high degree of egocentricity, and two-thirds were rather definitely introverted.

The Diagnostic Child Study Record was also used to get as complete a picture as possible of the student. This was supplemented by an interest inventory adapted to their needs, inasmuch as the one included in the diagnostic record was pitched on too low a grade level.

According to the Stanford test their reading age ranged from 12.6 to 16.1, their reading grades from 6.7 to 10+. The chronological age of the group ranged from 18 to 22. The percentile distribution for high school seniors indicated a range from the fifth to the

fortieth percentile on the basis of the Iowa Test.

Such variations, and the variations on individual sections of the Iowa Test, necessitated much individual work with the students rather than general blanket assignments.

THE TEACHING METHOD

The first class period was devoted to talking the problem over with the students. Chief objectives of this were to: (1) disabuse them of the idea that they were queer creatures simply because their abilities in one direction were apparently undeveloped; (2) help them build up their self-confidence; (3) discuss the objectives of the course; (4) indicate ways of attaining these objectives.

At this session instructions were also given regarding the method for keeping the reading record. This included title, author, where obtained, date read, pages read, time spent, degree of interest. Each student was to keep such a record of all reading done for this course and all reading not done specificially for other college courses.

It was suggested that each student spend 30 to 45 minutes a day at a regular time rather than the customary two-hour preparation for each class hour. Until the tests were given, it was suggested that the student read things especially interesting to him.

The second and third class sessions were devoted to the administration of the Iowa and Stanford Tests.

At the fourth and fifth meetings of the class, 10-minute individual conferences were held, at which time the de-

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ficiencies indicated in the tests were discussed. Special remedial work was suggested in each case.

For example, those who had vocabulary deficiencies, were asked to keep a record of all words they encountered which they did not understand, together with their definitions. Those who could not grasp paragraph meanings readily were asked to express the central idea in a single sentence. Those whose deficiency was in sentence comprehension were asked to underscore subject and predicate, noting also subordination and coordination.

Because all were more or less deficient in rate, they were asked to spend 10 to 15 minutes on alternate days during which they were to push themselves to read as rapidly as possible. Once a week they were to read from *Liberty*, checking their reading rate against the rate indicated.

The sixth class meeting was devoted to oral reports on the reading assigned earlier. At this meeting each student was assigned to read and report on one of the Public Affairs Pamphlets. The seventh and eighth meetings were devoted to reports and discussion of this material.

A number of subsequent meetings were devoted to similar reports on books, magazine articles, other pamphlets, newspapers and plays. Plays were the least satisfactory for this group. The books and articles were chiefly in fields of student interest. For example, one girl, interested in becoming a hospital technician, read and gave a most interesting report on *Men Against Death* by Paul de Kruif. One of the boys interested in aviation, gave a fascinating report on an article from an aviation magazine.

One day a superficial survey of the class revealed that while most of their

non-school reading was in newspapers, no instruction had ever been given them on how to read a newspaper. Some newspaper reading was assigned and instructions were given on things to watch for and things to guard against. Suggestions were taken from the publications of the Institute for Propaganda Analysis.

Much time was given throughout the semester to individual conferences, checking on progress, and the giving of specific suggestions.

RESULTS

At the end of the semester Form B of the Iowa Test was administered to secure a comparative check on progress. This showed a gain of from 0 to 21 per cent on the senior percentile rating, the median gain being 10 per cent on the scale. At the end of the semester the average standard score for the group was 76, which indicated a 31st percentile rating for seniors, while the score of 70 at the beginning of the semester indicated a 31st percentile rating for sophomores. This might indicate a gain of two years in reading age, though such a conclusion seems unwarranted.

In three cases a preliminary examination indicated a possible need for glasses. Subsequent careful examination by oculists revealed necessity for glasses in two cases, one being a very serious case. Another case involved a tonsillectomy which, according to the doctor, would relieve certain eye strains due to neck muscle strains, which in turn were due to poisons entering the blood stream.

One student, who had apparently achieved average proficiency, was "graduated." It was recommended that all others continue the course for the second semester.

Student records reveal a total of 308 hours of newspaper reading, 200 from magazines, and 217 from books, pamph-

lets, etc., an average of 82.5 hours per student reporting. The average period of reading was 31 minutes, the maximum period three hours, the minimum one minute.

Subjective judgments by the students indicated that they believed their rate and comprehension had generally improved. However, the student making the most gain was skeptical of having made any progress. All professed increased interest and enjoyment in reading.

EVALUATION OF RESULTS

Considering the fact that the class met but twice a week for 50-minute periods, the results have been gratifying in the main. However, one is not naive enough to believe that all the progress is due solely to this course. Increased information gathered from other courses and constant reading for other courses certainly also had their effect.

The probable error in the test might also reduce the apparent gain as measured by the test, but this certainly would not vitiate attitude or interest gains.

A factor which makes one skeptical of accomplishing too much gain is the apparent intelligence of the group. Allowing for modifying factors, inaccuracy of tests, variations in intelligence, a group ranging from the first to the nineteenth percentile cannot be expected to achieve miracles.

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MARY McBRIDE DAY

By proclamation of Governor Lloyd C. Stark, November 22, 1940, was designated as "Mary Margaret McBride Day" in the state of Missouri. The occasion was the celebration in the town of Mexico of "Alumnae Day" at the Ledger, well known newspaper published by Mitchell White. Many distinguished newspaper folk whose early careers were spent on the Ledger returned to participate. To assist in the celebration several representatives from William Woods College, where Miss McBride was once a student and faculty member, were invited to go to Mexico to participate. Dr. Henry G. Harmon, president of William Woods, appeared in a radio interview program conducted by Curtis Mitchell, editor of Movie-Radio Guide and himself a former Ledger employee. Miss Fannie Willis Booth, alumnae hostess at William Woods, and a long time friend of Miss McBride, also appeared on the radio program. The William Woods College Glee Club of 31 voices under the direction of Miss Mariana Bing presented three numbers. Betty Baker, senior student at William Woods College, was interviewed over the radio by Mr. Mitchell as representative of the college student body. Mrs. H. Lee Whitlow, director of alumnae activities at William Woods College, accompanied Miss Booth to the event. Mrs. Whitlow was the roommate of Miss Mc-Bride during one of her years at William Woods College.

Terminal Courses in Mathematics

R. W. HART*

When one considers terminal courses in junior college, he has in mind the student who does not intend to continue his formal schooling beyond the usual sophomore college year. This means that these terminal courses are not for the future advanced student in senior college or graduate work, or the research worker, or the highly trained specialist, but they are for that large group of citizens whose stations in life are somewhere between that of the unskilled laborer and the professional man or woman. This group has too often been neglected in our educational system. In building curricula both in high school and in junior college most of the emphasis has been placed upon the needs of the student who is studying for the baccalaureate degree.

The popularity of the junior college during the past two decades and the tendency of many four-year colleges to make a distinct division between junior and senior college have paved the way for terminal courses in junior college. Some progress has already been made in such fields as commerce, home economics, and certain trade courses; other departments could offer work which would be just as attractive and practical. Many of these courses would not be acceptable for entrance to senior college, but they would be of more benefit to the student who drops out of college at the end of the second year than courses that are intended to be prerequisites for advanced study.

In constructing terminal courses in

mathematics, the future vocations of the individuals should be the governing factor. These students will hold such positions as skilled tradesmen, shop foremen, draftsmen, mine foremen, insurance salesmen, business men, etc. They will very seldom, if ever, be called upon to solve a problem in calculus or analytical geometry, nor will they use much of the college algebra and trigonometry that is taught in the usual college courses in mathematics. However, they need some mathematics, and they will be handicapped if they do not learn it somewhere. The purpose of this article is to point out some of the topics in mathematics that should be a part of the equipment of these students who will be interested in terminal courses in junior college.

ARITHMETIC

Of course all college students have had at least eight years of arithmetic, but they have not acquired the skill and self-confidence to perform the fundamental operations with numbers, which are desirable. Anyone who intends to use arithmetic in his vocation should learn to set up his problems completely before beginning to add, subtract, multiply, or divide, and he should know how to simplify his work by such methods as cancellation and factoring.

As an illustration, take the problem that appears periodically on college campuses: If the circumference of the earth at the equator is increased by three feet, how much is the radius increased? Most college students would solve this problem by multiplying 4000 by 5280 to obtain the earth's radius in feet; then they

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would multiply this result by two times pi to get the earth's circumference. Adding three would give the new circumference; the radius would be found by dividing this result by two times pi after which the required answer would be obtained by subtracting the earth's radius in feet. If this same problem is set up completely and simplified by canceling common factors and combining terms, it is discovered that the only computation necessary to get the final result is merely to divide three by two times pi. This is a typical example of many problems where much laborious computation can be avoided by applying a knowledge of the principles of arithmetic. Acquiring this skill is difficult for the pupil in the elementary grades, but after a person has had some algebra, it should follow easily. In the present junior college curriculum in mathematics, there is no place for emphasizing the development of proficiency in the handling of numbers. This could be taken care of in a terminal course.

Arithmetic is a powerful tool for the practical man when it is understood. It is surprising to see many skilled workers who, by using only methods of arithmetic, solve problems which we feel belong in the field of algebra. With the old rule of three and a mastery of percentage and interest, the eighth grade graduate a half century ago was able to meet the competition of his day and earn a place for himself in the business or professional world. Today with the increasing number of high school and college graduates, he needs more mathematics than is found in arithmetic to enable him to progress in this present scientific and industrial age; hence, our terminal courses in junior college mathematics should include other subjects than arithmetic.

ALGEBRA

The algebra used by the junior college graduate consists chiefly in the use of formulas, solving simple equations derived by substitution in formulas, and in understanding such algebraic processes as will be found in the literature pertaining to his vocation. Thus in a terminal course in algebra, many topics could be omitted that are now found in the usual courses in college mathematics. A study of a college algebra text will reveal that most of the material offered is presented because it is needed in higher courses in mathematics intended for the four year college student. This is true of most of the factoring, the use of complicated algebraic expressions involving unusual fractions, radicals and exponents, the theory of equations, determinants, simultaneous quadratics, and other topics easily recognized by the one who is familiar with the needs of that class of workers for whom terminal courses in junior college are planned.

Formulas play such a large role in the practical man's mathematics that he would be justified in spending some time in learning to use them. A formula is an algebraic equation and to use it intelligently one must understand the elementary laws of algebra which are used in the solution of equations. This involves the laws of multiplication, division, addition, subtraction, removal of parentheses, clearing of fractions, and many other principles that are used to solve simple equations. Of course, many people use formulas without having the knowledge of algebra, but their work is made more difficult because of this handicap. A formula may be an expressed relation of several quantities, and if the values of all except one are known, that can be found by the laws of algebra. Without algebra it is necessary to have several different equations, each of which is solved for a particular quantity. Training of this kind in algebra is also valuable as an aid to the teaching of the laws of arithmetic. The two could be taught simultaneously.

Literature on elementary technical subjects is difficult to understand without some training in algebra. This training should consist not only of work with the elementary processes of reckoning, but should also include some use of abstract thinking. A whole new field is opened to the student when he learns to use the letters to represent quantities; hence, this part of algebra should not be neglected. A terminal course in algebra should so prepare the individual that he can continue study in his chosen field after he leaves school.

GEOMETRY

Some knowledge of the propositions of elementary geometry is useful to the skilled worker and is a necessity in certain trades such as sheet metal work and surveying. The geometry given in the senior high school is sufficient for most people. Construction problems are practical, though they should not be limited to the use of the ruler and compass as in pure geometry. In the shop and the drafting room, measuring scales, steel squares, protractors, and various other instruments are used in laying out Methods of using these tools could very well be taught to the student who wants practical applications of mathematics.

Mensuration of plane and solid figures should be included in terminal courses. Here again is an opportunity to develop skill in arithmetical computations and use of formulas.

Laboratory work can be made an interesting part of the teaching of practical geometry in which measurements are made and theoretical propositions are applied. The use of measuring instruments can be taught in finding areas and volumes. Elementary surveying problems make excellent material for this work.

TRIGONOMETRY

For the terminal course in trigonometry much of the work that is now offered in the usual college course could be omitted, such as trigonometric identities, equations, and several solutions of the oblique triangle. Logarithmic solutions may also be omitted. It will be sufficient to teach the definitions of the six trigonometric functions, the solutions of the right triangle, the law of sines, and the law of cosines. This will equip the student to handle practically all the problems that he will meet, even in such fields as surveying and drafting.

MATHEMATICS OF INVESTMENTS

This is a subject which is a terminal course as it is now taught in most colleges. The information offered here should be obtained by everyone because it deals with problems that all persons meet when they earn and spend money. This course deals with such topics as interest, discount, annuities, installment buying, building and loan associations, sinking funds, and life insurance. It is inconceivable that a person could go through a normal life without having to deal with some of the problems considered in this course.

Installment buying is very common today; yet a large percent of the people who buy on the so-called easy payments plan do not know how to calculate the rate of interest that they are paying. The use of tables for finding compound interest and compound discount is simple and easy to learn; yet many people do not know that such tables are available.

The determination of life insurance premiums seems to the average citizen

to belong to the realm of higher mathematics; yet this is taught regularly to college sophomores. A study of this subject creates a better attitude toward insurance and retirement plans and leads to a more intelligent choice in the kind of policy that one may buy. The insurance salesman would receive information from a course such as this which would help him in his vocation.

THE USE OF TABLES

So much practical work in the shop and the office is now done by tables that more emphasis should be given to this subject in schools. Tables are now published in nearly every field of applied work to lessen the amount of calculations. Handbooks for the different kinds of engineers and tradesmen contain tables useful in their particular work. In designing concrete and steel structures, navigating ships, calculating interest, laying out railroad or highway curves, and in numerous other fields the use of tables is so helpful that the worker would not attempt to be without them.

The use of tables is now taught in such courses as trigonometry and mathematics of investments, and students taking these courses receive some good training in the use of tables. For those who do not study these subjects some instruction should be given in interpolation under the different conditions that may be found in various tables.

The use of charts and graphs is quite similar to the use of tables, and complicated calculations can often be avoided by using charts. These aids are now published for use in many specialized fields, such as the designing of heating and cooling systems. Of course, these tables and charts do not solve the whole problem that an engineer may be working on, but they do cut down the labor considerably.

GRAPHICAL METHODS

Many problems in applied work do not require a high degree of accuracy, and their solutions can often be found by scale drawings. This is well illustrated by dead reckoning in navigating airplanes. The direction of the wind and the course of the plane are measured to the nearest degree, and, if the velocity or the distance is obtained to the nearest mile, that is close enough. A common problem in this field is the solution of an oblique triangle, when two sides and the included angle are given. This can be done by making a scale drawing with an ordinary protractor and a scale. A certain amount of skill is required to construct these drawings, but this is easily acquired.

Graphical methods are used in many civil and mechanical engineering problems. The four year engineering student learns these methods when he studies such courses as graphic statics; some of this work could be introduced in a terminal course in junior college mathematics.

It is not advisable to teach all of the subjects mentioned here as separate courses. The course in mathematics of investments should be kept separate, and the others could be offered in one five hour course or two three hour courses. Enough time should be allowed for the student to really master each topic that is taught, instead of hurrying along as in a survey course.

Since the time is now ripe for some pioneering in junior college terminal courses, it is hoped that these suggestions may be of some help in outlining the desirable work in mathematics. These recommendations come from experience with college students and contacts with workers in various practical fields where mathematics is used.

Secretarial Training at Woodrow Wilson

PHYLLIS M. CONKEY*

Wilson Junior College is one of three municipal junior colleges in Chicago. These three colleges serve between six and seven thousand students. At Wilson the enrollment recently has been 2,200.

Perhaps an explanation of the organization of these colleges may help to an understanding of their particular problems. Work is done on the semester basis. Students must complete successfully 60 semester hours of work to obtain their junior college certificates. They must also secure credit in physical education for four semesters. All students must complete six semester hours in English composition.

The survey system of courses is used, and 24 semester hours are required in social science, biological science, humanities, and physical science. English, social science and biological science are usually completed in the first year, with humanities and physical science in the second year. There are comprehensive examinations on completion of each year's work in English and the surveys. These courses cannot be considered as other than very difficult, and while this organization offers a splendid background of information and culture, it does limit the volume of work that can be done in the elective fields.

There are 30 semester hours left for secretarial training. These are used for skills, and business background so necessary to secretarial workers. The background subjects considered most essential are Introduction to Business, 3 semester hours; Business Mathematics,

3 semester hours; Accounting, 6 semester hours; Business Letter Writing, 3 semester hours. These leave 15 semester hours for secretarial skills. We really use about 21 hours for these skills, since normally students are allowed to register for 17 hours of work each semester, and therefore graduate with more than 60 hours of credit.

One important factor in the efficient operation of a secretarial department is accurate placement of incoming students who have had previous shorthand and typing experience. Since standards are not uniform at all schools, we administer tests to each student to determine which of our courses will best fit his ability. These placement tests are scheduled for every afternoon during registration week, and when students have completed their work they are asked to return the following morning for registration.

Since we give detailed consideration to each student's problems and educational background, some of the most helpful counseling occurs at registration time. In addition to this, a secretarial instructor is available for counseling one period a day throughout the year.

There are two instructors in the department, with an enrollment of 150. The courses are all offered each semester.

The two typewriting courses meet five days a week, each with credit of two semester hours. For the first few weeks, the beginning course is conducted largely by the demonstration method. At the end of the first week students type with some degree of facility phrases and short sentences in which the most frequently used letters occur. Students are

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not allowed to type at a slower rate than 20 words a minute. In the eighth week students are typing short business letters, with emphasis on form. A rate of 25 words a minute is required at the end of this course.

The second semester of typewriting stresses business forms, rough draft and tabulation work. Centering is taught in the first course, and in the second we proceed with difficult tabulation material. Practice in the operation of the mimeograph is given. The business letter practice is on longer and more complicated letters than those included in the first course. We also have regular spelling lessons, which give direct dictation drill. At the end of this semester a speed of 40 words a minute is required.

The beginning class in shorthand meets five days a week, with credit of four semester hours. Extensive practice in reading and writing common-word material (chiefly first 1,000 words) is given, with emphasis on principles that must be mastered if students are to have an understanding of their system of shorthand. Ability to take dictation at 50 words a minute is required at the end of the course.

The intermediate course is one in transcription which meets two periods daily, four days a week, with credit of four semester hours. The work is not so much a review of shorthand theory of the first semester, as a development of that theory into the needed transcription power. Ability to take dictation at 80 words a minute for five minutes, with transcription at 20 words a minute, is required to obtain credit in this course.

The final transcription course also meets two periods daily, four days a week, with credit of four semester hours. Dictation is begun at 80 words a minute, and speed is built up to 125 words a

minute on five-minute material. Toward the end of the semester this material is usually in the form of articles, since a series of letters for five minutes does not offer the same degree of difficulty. Transcription at the end of the semester must be at the rate of 25 words a minute.

A secretarial practice course is offered to third semester students. Work of this kind is ideally presented on a laboratory basis, but this is not possible with us since the class meets only three times a week, with credit of three semester hours. We discuss and work out problems in business personality, attitudes, responsibility, loyalty, as well as in all the other phases of secretarial work. We have an adequate reference library to serve as background for this course. Extensive drill is given in filing, and usually several students earn the final certificate presented by the American Institute of Filing for the complete filing course. It may be observed that we give some concern to our spelling problem, since we teach it directly in this course, as well as in the intermediate typewriting class. One of the most common criticisms made by business men of beginning stenographers is of their inability to spell.

In their final semester, students may register in the office machines class, with credit of two semester hours. This class meets five days a week, and is laboratory in character. Students work on all the most common office machines, including several types of calculators, and Ditto. The emphasis is not on a high degree of skill on each machine, but on intelligent manipulation. Considerable proficiency is usually developed on the Dictaphone.

This year we are entering practically our entire advanced dictation class, as well as Dictaphone operators from the office machine class, in the National Clerical Ability tests. The preparation for these tests, and participation in them are extremely valuable in several ways:

1. The tests constitute a powerful motivating force. While students are self-motivated, to a large extent, as they near the period of employment, nevertheless there is a tendency to give all possible time to study for the difficult comprehensive examinations at the end of the second year. The clerical tests keep their attention focused on their employment objective, and also make them realize that they must have, in addition to certain skills, a wide general background of business information.

2. These tests aid in adjusting students to office situations, since they require two full days for their administration. Even two days' work under pressure on office problems devel-

ops power.

3. Students are required to follow accurately very detailed directions in the tests. Young people often do not excel in this ability. In this objective manner they are made to appreciate the importance of this capacity.

4. Participants gain experience in preemployment tests. Many large Chicago companies ask prospective employees to qualify

through such tests.

5. This year each teacher entering students will receive a report showing individual ratings in each division of the testing program. This may be the basis for effective remedial work.

All the points discussed above are helpful to students, whether they obtain certificates or not. However, if they are successful, they have then a certificate of proficiency to submit to prospective employers.

TEXTILES AT BELMONT ABBEY

Belmont Abbey College North Carolina, is located in a textile community in which there are more than a hundred cotton mills. While continuing to emphasize liberal arts education, the college is also planning to meet more definitely the needs of many young people who will go directly into the mills. The college is requesting the manufacturers to cooperate in the development of a general textile terminal course which will have a broad liberal cultural educational background. Plans are being

developed for a building that will demonstrate the whole textile process with practical instructors who will teach the essential elements of the textile industry. The purpose of the course will not be textile engineering but a very practical course in which students who eventually go into some phase of the textile industry will receive an intelligent and broad view of the entire textile field as well as acquiring specific skills in some branch of it.

POLICE TRAINING

Policemen go to school too. Twice a week, on Tuesday afternoons and evenings, 130 Riverside, California, city peace officers attend classes at the Riverside Junior College. All subjects in the police field are studied by the officers. The course is divided into two parts, primary and advanced. One hundred and twenty officers received diplomas recently signifying that they had completed the 48 weeks primary course and were ready for advanced work. Among the subjects studied in the primary course are note taking, making of reports, preliminary investigations, and self-defense. These subjects are expanded and extended in the advanced course, in which national defense, law, fingerprint science, and photography are a few of the subjects undertaken.

HILLYER ENROLLMENT

Enrollment figures released by the college office indicate that Hillyer Junior College, Connecticut, is beginning a record year. Although complete figures are not yet available, it is expected that by the end of the enrollment period the number of students attending both the day and evening classes will be close to 1,000. This will be considerably in excess of last year's figure of 775 students.

Journalism in the Junior College

RUSSELL A. McCORMAC*

Since the junior college is assuming an increasingly important place in our American educational picture, the functions of journalism, as an aid to the establishment of the ideal junior college community, are also becoming more significant. Individuals and social groups within a given community are looking increasingly to the junior college for the kind of cultural and traditional leadership that heretofore has been supplied, if at all, by the high school. Thus, the junior college must so organize its journalism department that its results will become immediately effective within the community.

The initial scrutiny should be directed toward the journalism course which is being offered in the junior college. The fact is more or less patent that the journalism course should not be of a terminal nature. The reasons for this opinion may be quickly enumerated. In the first place, the student is much too unprepared mentally to begin preparation for a vocation that is so definitely specialized and professional. We should be exploiting the student if we held out to him the promise of effective performance in the vocation as a result of his junior college training in journalism. From time to time I have in my classes or on the staff of the newspaper a student who has natural talent for the Possibly he might compete vocation. rather well with graduates from the professional schools of journalism. But he is a very rare bird in any junior college.

In the second place, the teaching

personnel for journalism in many junior colleges is unqualified for directing a course in vocational journalism. work frequently falls upon some member of the social science or English department who more or less willingly undertakes the task until the opportunity for sloughing it off presents itself. vocational course would doubtless necessitate the employment of a highly trained instructor, the results of whose work would be much open to conjecture. Finally there is the thought of the already existing oversupply of thoroughly trained and talented journalists who are jobless today and quite likely to remain so. For the junior college to accept the responsibility for adding to the confusion in the employment market would seem to be unwise at this time. This leads to the question: What type of course is most efficacious for our present need?

It would be equally fallacious to insist that journalism in the junior college should be wholly cultural with all vocational emphasis carefully excluded. Cultural objectives may bear the basic emphasis; but the fact remains, nevertheless, that as many as 75 per cent of our students conclude their formal training with their junior college diplomas. We must not, therefore, wholly exclude the vocational from our course. best service, perhaps, can be rendered by combining cultural and vocational ob-As regards the cultural, the jectives. student should be taught to interpret news values, to detect propaganda and news slanting, to write objectively and creatively, to find his way intelligently

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and swiftly among the columns of newspapers and the articles of magazines. Vocationally, he should be taught to write the basic types, such as quote, fact, and action stories, to write leads, to dummy up a page, to compose heads and select head types, to understand the terminology and organization of the printing plant. (The above objectives are merely suggestive and by no means comprehensive.) Thus, the first function of journalism in the junior college is to provide cultural and vocational training in the subject matter of the course.

The second function is to provide a college paper. The task doubtless devolves upon the journalism department to produce a creditable publication since all college newspapers are receiving an increasing share of attention both on the campuses and among the communities. Indeed, the junior college is likely to be judged quite largely by the quality of its newspaper. When one sees among the exchanges a publication that is slovenly and inadequate, one is likely to conclude that the institution which produced it is lackadaisical and ineffective in its leadership. A paper that is lively and comprehensive breathes the spirit of progress. Within the staff of the paper, the student experiences a strong motivation to write both objectively and creatively. He is assigned the task of garnering and evaluating information that is significant to the junior college community, or he may exert himself creatively for feature and literary pages. Students who groan over the task of producing the weekly theme for their English courses will often enthusiastically write whole columns for their newspaper. It follows that in the future this second function of journalism in the junior college will become even more important.

The third function is to provide lead-

ership in college customs-both new and established. The junior college is a relatively new institution. Few can boast of time-hallowed traditions. This present status causes no little embarrassment to many junior college faculties and administrators. Upon finishing high school, students are frequently bored with the routine and the rigidity of adolescent education. They wish for the freshening, vitalizing influence of a thoroughly adult environment; and they anticipate that experience in the college level. If they attend the junior college, they frequently are disillusioned by the non-collegiate atmosphere that prevails on many campuses. The journalism department with its newspaper as a publicity organ is excellently qualified for leadership in the establishment of traditions that will add the magic touch of maturity. A homecoming for the old grads at football time is always enthusiastically received by students and alumni Perhaps the celebration should include a bonfire rally, a pep meeting in the auditorium or on the campus, a parade, a homecoming dance. Regardless of the character the custom is to assume, the staff of the newspaper is in a position to sponsor the occasion effectively. Established traditions also need attention if they are to be significant in the minds of the freshmen. The college paper publicizes the traditional do's and don't's of the institution and thus performs a function which otherwise might require several semesters for the deans and the student council to make empha-

The final function of journalism in the junior college is to provide a public relations medium. Here again the college newspaper plays a major role. It is the college newspaper that introduces publicity into the homes of the parents. It is the newspaper that pub-

licizes the college among the high schools of the community and among the junior colleges with which the paper has an exchange relationship. There are so many possibilities in this function of public relations that I can do little more than enumerate them. Concerts, lectures, forums, radio broadcasts, movie reels, exhibits: these are some of the more obvious methods. Other more subtle methods lie in conventions, educational association meetings, "open house" sessions, special days, etc. At present a method that is meeting with considerable favor is the vocational day, on which representatives from the vocations and professions in the college community conduct seminars before various student groups. With proper leadership there is no limit to the good results that can be accomplished.

These four functions of journalism in the junior college—to provide training in the subject matter of journalism, to provide a college paper, to provide leadership in college customs, both new and established, and to provide a public relations medium—are not only pertinent but imperative if the junior college is to attain a position of prominence in American society.

PLANS IN ALASKA

Plans are being considered for the establishment of a public junior college at Ketchikan, Alaska. Alaska has now but a single institution of higher education, the University of Alaska, located at Fairbanks, which is six days travel, 1565 miles, from Ketchikan—as far as Denver is from New York! The need for educational facilities nearer at home for the graduates of Ketchikan high school is obvious. Ketchikan is the second largest city in the territory, Juneau, the capital, being the first. A study some years ago by the Commis-

sioner of Education of Alaska showed that Juneau and Ketchikan were the two most feasible and desirable locations for junior colleges in Alaska.

DEFENSE COUNCIL ORGANIZED

At Los Angeles City College a defense council consisting of 12 members of the faculty has been organized. Objectives and functions which the council will use as guides are stated as follows:

1. To consider what type of curricula shall be offered in the future, our present longrange policy, or shortened, specialized periods of training which would prepare students for work in the national defense program.

work in the national defense program.

2. To support a policy of maintaining our present educational program as contributory

to the defense program.

3. To render unbiased judgment on any conflicting demands for national defense activities which may be made. An example of this is the R.O.T.C. controversy.

4. To give a balanced judgment on any steps that may be taken by City College when responding to the national defense program by offering short periods of specialized training for the defense program, such as special courses in trigonometry, radio repair and maintenance, drafting, X-ray, and secretarial.

5. To assist in directing City College activities into constructive channels for national de-

fense.

HOME ECONOMICS AT KEYSTONE

Scranton - Keystone Junior College, Pennsylvania, is offering this fall for the first time, a home economics terminal course. General background material, in addition to the practical study itself, is given in the course, which will prepare graduates for hotel, restaurant, and hospital opportunities.

RIVERSIDE EXPANSION

Plans are being developed for organization of a junior college in September, 1941, at Riverside Military Academy. Riverside is a privately controlled military school, supervised by the United States war department, located at Gainesville, Georgia. It also conducts a winter term at Hollywood-by-the-Sea, Florida.

Effect of Foreign Accent on Speech Progress

MARY EILEEN ASSELTYNE*

This study was set up to discover: (1) whether or not the junior college speech student with a foreign accent obtains as good results in a beginning speech course as a junior college speech student without such an accent; and (2) if a handicap exists, how great it is.

In order to make the study, data were obtained at Virginia Junior College over a period of two college years. The students were fairly representative Virginia Junior College sophomores, as indicated by standard tests. No remedial work in speech was given, aside from that in the regular course.

Three standards for judging college performance were used as bases for comparing the grades in public speaking of the foreign-accent group with those of the group without such an accent. These bases were (1) the honor point average secured by the students during their enrollment at Virginia; (2) the intelligence quotient, as indicated by Terman or Kuhlmann Standard Tests; (3) the college aptitude test rating as shown by the Minnesota College Aptitude Tests.²

In order to check the normalcy of the sampling, the honor point average of 230 graduating sophomores, including students from all curricula offered at Virginia Junior College, was compared with the honor point average of the 53 cases selected for the speech study. In the general group of 230 the following accents were found:

	Sopho-	Speech
Measure	mores	group
Number	230	53
Maximum	2.84	2.81
Upper quartile	. 1.65	1.73
Median		1.34
Mean		1.39
Lower quartile		.91
Minimum		.41
	-	

These figures indicate that the smaller or speech group was a fair sample.

The 53 speech students were then divided on the basis of foreign accent, 25 showing no accent and 28 showing some type of foreign accent.³ It is interesting to notice that only one of the 28 students with a foreign accent had reported in his speech history that he used an accent. One questioned whether or not he had an accent, and one stated that he hoped not. In other words, 25 of 28 definitely stated that they did not use an accent. Yet when the group was analyzed the following varieties of accents were found:

	Number o
Accent	students
Finnish	7
Italian	5
Jugoslavian	3
Swedish	
Norwegian	3
German	2
Finnish-Scandinavian	2
Finnish-Swedish	_ 1
Norwegian-Danish	1
Greek	_ 1

Whether or not a student had an accent was determined by the instructor during the first week's class work by means of a special test read by each student. This test included all English sounds and had questionable sounds in initial, final, and medial positions.

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¹This course, listed as Public Speaking 1 and 2, meets three hours a week for one year and is a course in fundamentals of speech, not a course in public speaking.

² Intelligence quotients, college aptitude ratings, and honor point averages were not known by the instructor until after the entire course was completed.

The foreign-accent group and the nonaccent group were studied separately by four different methods.

1. A study of speech grades for the two groups showed the following differences:

	Non- accent	Foreign- accent
Measure	group	group
Maximum	96	90
Upper quartile	90	86
Median	88	82
Mean	87	83
Lower quartile	83	81
Minimum	76	75

In every case the points of comparison (mean, median, and quartiles) are lower for the foreign-accent group; both the interquartile range and the total range are smaller for the foreign-accent group.

2. An analysis of the honor point average and its relation to public speaking grades may be summarized as follows:

	Non- accent	Foreign- accent
Measure	group	group
Maximum	2.70	2.81
Upper quartile	2.05	1.61
Median	1.38	1.24
Mean	1.49	1.31
Lower quartile	.80	.98
Minimum	.57	.41
Correlation with grades in		
public speaking	.80	.52

The correlation is moderately high in the non-accent group, somewhat lower for the foreign-accent group. The range for the foreign-accent group is greater, and in every instance except the lower quartile the points of comparison are lower for the foreign-accent group. If the two groups are of average intelligence this would seem to indicate that the foreign-accent student performs less effectively in the beginning speech class than the non-accent student.

3. A similar analysis of the intelligence quotient and its relation to public speaking grades is as follows:

	Non- accent	Foreign- accent
Measure	group	group
Maximum	135	130
Upper quartile	119	114
Median	114	108
Mean	113	108
Lower quartile	109	100
Minimum	86	83
Correlation with grades in	_	

public speaking _______ .59 .40
All levels above the lower quartile are lower for the foreign-accent group, and the correlation is also somewhat lower.

4. A fourth analysis was made of college aptitude rating and its relation to public speaking grades, since some educators feel that the college aptitude rating is a better indication of probable college success than the intelligence quotient. Results are summarized below:

	Non- accent	Foreign- accent
Measure	group	group
Maximum	95	98
Upper quartile	80	69
Median	75	59
Mean	65	55
Lower quartile	44	42
Minimum	19	16
Correlation with grades in		
public speaking	.75	.51

The correlation again is lower for the foreign-accent group, and at all but one point the scores at the different levels are lower for the foreign-accent group.

For both groups of students the correlation with the honor point average and with the college aptitude rating is high enough to be significant, but better prediction is possible for the non-accent students. For both groups the correlation with the intelligence quotient is the lowest; here again the foreign-accent group is significantly lower than the non-accent group.

This study, although based upon a comparatively small number of cases, tends to indicate:

1. It is less possible to predict by means of intelligence quotients, college

aptitude rating, and honor point average the performance in public speaking of a junior college student with a foreign accent than of one without such an accent. In other words, the foreign-accent student tends to react less definitely according to the accepted pattern.

- 2. The foreign-accent student reacts less advantageously in public speaking than the student without a foreign accent. In other words, foreign accent must be recognized as a handicap to speech progress.
- 3. Foreign-accent students tend to be more in the middle of the group than the students without an accent. Few students with an accent—regardless of intelligence quotient, college aptitude rating, and honor point averages—are able to achieve a high degree of success in the junior college speech course, though on the lower level of accomplishment their handicap does not seem to be proportionately great.

PRACTICE ADVERTISING FIRM

Each year something distinctive and different happens at Lasell Junior College, Massachusetts, in one course or another. This year Mrs. Kay Peterson Parker has under her direction six senior girls who call themselves Advertising Inc. (Ink), and act as a regular advertising firm. Advertising Inc., handles fictitious accounts in laying out an advertising campaign. In addition to these fictitious accounts they are open for business in actual accounts at Lasellhandling the advertising problems of various school organizations. At present they are doing advertising work for the 1941 Lamp. The reason they are taking the school accounts is to enable them to measure the results of an actual campaign in advertising. They plan to handle five accounts at a time in accordance with real advertising practice. Two of the girls handle the art work of the firm, while the rest of the girls act as executives, handle layout, and in general shift around to get an adequate picture of an advertising organization.

—Lasell News.

AVIATION REQUIREMENTS

A change of much importance to junior colleges which are offering the secondary course in the civilian pilot training program was announced by the Civil Aeronautics Administration at Washington December 12. The regulations in effect up to that time required students entering this course to have completed two years of college work, thus effectually preventing regular junior college sophomores from enrolling in the aviation program until after their graduation. The new regulations permit students to enroll in the secondary (advanced) training program while they are still regular junior college students. Prerequisites for the secondary courses are now stated as follows:

Applicants must hold active private pilot certificates obtained in the Private Course of the Civilian Pilot Training Program, must have attained their 19th but not their 26th birthday, and must meet the requirements for a Commercial CPT flight physical examination and in addition pass a complete eye examination which includes refraction. Upon completion of the Secondary Course they must also have satisfactorily completed one-half or more of the necessary credits leading to a degree which normally requires four years' work in an institution whose credits are accepted by the United States Army or Navy from applicants for flight training.

MEDICAL HYGIENISTS

Evanston Collegiate Institute, Illinois, has introduced this year a new terminal curriculum designed to train medical hygienists. This work is in charge of Miss Ardel Janson, laboratory technician.

Reports and Discussion

DIRECTORY OF SOCIETIES

For the past six years the January issue of the Junior College Journal has contained a directory of national junior college honor societies and social fraternities and sororities. This feature has proved to be of sufficient value to warrant revision of it annually for publication in the directory number of the Journal.

Replies were received to requests for information from some responsible officer of each of the organizations listed below except Rho Delta Epsilon and Kappa Delta Phi. The information for these organizations is repeated from American Junior Colleges.

Below will be found pertinent information concerning eight national honor societies and six national social organizations, the arrangement in each group

being alphabetical.

HONORARY SOCIETIES Alpha Mu Gamma

Collegiate foreign language honorary society

Organized—1931; international, 1934 Existing chapters—14

President-MEYER KRAKOWSKI, Los Angeles City College, Los Angeles, California

Corresponding Secretary-Loren M. HENDRICKSON, Los Angeles City College, Los Angeles, California

Executive Secretary—Stella Lovering, Los Angeles City College, Los Angeles, California

Publication-Alpha Mu Gamma Scroll, published semiannually; editor, HELEN SCHACKET; advisor, STELLA LOVER-ING

Inquiries should be addressed to the corresponding secretary

Alpha Pi Epsilon

Honorary secretarial society

Organized—1933

Existing chapters—14

President-George Larson, Larson Junior College, New Haven, Connecticut Secretary—Helen McKelvey, Angeles City College, Los Angeles, California

Publication—Alpha Pi Epsilon Notes, published annually; editor, LOGAN HART

Inquiries should be addressed to FLOR-ENCE M. MANNING, 856 North Edgemont Street, Los Angeles, California

Beta Phi Gamma National honorary coeducational jourfraternity, affiliated with Alpha Phi Gamma, national senior college coeducational journalistic fraternity

Organized—1933

Existing chapters—17

President—Dr. George C. Booth, Long Beach Junior College, Long Beach, California

Executive Secretary—Mrs. GLENN B. MERRYFIELD, San Bernardino Valley Junior College, San Bernardino, California

Publication—The Mouthpiece; Black and White, official publication of both junior and senior college fraternities Inquiries should be addressed to the ex-

ecutive secretary Delta Psi Omega

Honorary dramatic fraternity Organized—1927

Existing chapters—137

President—IRENE CHILDREY HOCH, Modesto Junior College, Modesto, California

Secretary—Paul F. Opp, Box 347, Fairmont, West Virginia

Publication—The Playbill of Delta Psi Omega, published annually (autumn); editor, PAUL F. Opp.

Inquiries should be addressed to the secretary

Phi Rho Pi

Forensic honorary society, affiliated with Tau Kappa Alpha and Pi Kappa Delta, national senior college forensic societies

Organized—1928 Existing chapters—90

President—RAYMOND P. KROGGEL, State Department of Education, Jefferson

City, Missouri
Secretary—Sylvia D. (Mrs. C. E.)
MARINER, Britton, Oklahoma

Publications—Phi Rho Pi Persuader, published monthly; editor, WILLIAM EVANS, Pasadena Junior College, Pasadena, California; The Speaker, official publication of both junior and senior societies

Inquiries should be addressed to the secretary

Phi Theta Kappa

General scholastic honorary society

Organized—1918; officially approved by the American Association of Junior Colleges, 1929

Existing chapters—82

President—Howard Pollock, Harrison-Stone-Jackson Junior College, Perkinston, Mississippi

Secretary—Mrs. Margaret Mosal, Canton, Mississippi

Publication—The Golden Key of Phi Theta Kappa, published quarterly; editor, HARRY ROWLAND, Jordan Printing Company, Little Rock, Arkansas

Inquiries should be addressed to the secretary

Rho Delta Epsilon

Political science honorary society

Organized—1931

Existing chapters—four active; one alumni

President—David Fairbrother, 205 E. Fairview Boulevard, Inglewood, California

Secretary—Jane Knox, 1114 N. Madison, Los Angeles, California

Inquiries should be addressed to the secretary

(Information taken from American Junior Colleges.)

Zeta Sigma Pi

Social science honorary fraternity, junior and senior colleges

Organized—1935

Existing chapters—24, of which six are in junior colleges

Honorary President—ROSCOE PULLIAM, president of Southern Illinois State Normal University, Carbondale, Illinois

Executive Secretary—R. D. MacNitt, Wilmington College, Wilmington, Ohio

Publications—Blue and Gold, published annually; Zeta Sigma Pi News, published monthly

Inquiries should be addressed to the executive secretary

SOCIAL ORGANIZATIONS

National Junior College Panhellenic

A federation of the six national social
fraternities and sororities in the jun-

ior college field Organized—1914

Executive Chairman—Esther L. Mc-Bride, 325 W. Washington Street,

Chicago, Illinois

Secretary-Treasurer—Mrs. Anthony E. Bott, 1317 Pennsylvania Avenue, East St. Louis, Illinois

Six standing committees, with chairmen as follows:

Eligibility and Nationalization—Esther

L. McBride, 325 W. Washington Street, Chicago, Illinois

Scholarship Standards Survey — Mrs. Anthony E. Bott, 1317 Pennsylvania Avenue, East St. Louis, Illinois

College Panhellenic—Mrs. Bert Wal-LACE, 712 W. 22nd Street, Kearney, Nebraska

Social Conditions on Campus—Mrs. WILLIAM H. RANDALL, 202 South Pendleton, Independence, Missouri

Alumni Relations—EDWARD R. Mc-Guire, 2534 West 83rd Street, Chicago, Illinois

Publication—The Panhellenic Bulletin, published annually

Inquiries should be addressed to the executive chairman

Eta Upsilon Gamma

Organized—1901

Existing chapters—10 active; 10 alumnae

President—ESTHER L. McBRIDE, 325 W. Washington Street, Chicago, Illinois Secretary—Mrs. WILL K. NORTON, 495

Ockley Drive, Shreveport, Louisiana Publications—The Adamas, published annually; editor, Mrs. SIM B. Com-FORT, 657 W. Frisco Avenue, Webster Groves, Missouri; Information Sheet, published annually; editor, ESTHER

Inquiries should be addressed to the president

Kappa Delta Phi

Organized—1921

L. McBride

Existing chapters—three active; six inactive

President—Mrs. Benjamin E. Jacoby, 2038 Cornell Road, Cleveland, Ohio

Secretary—Ann L. Mammele, 2714 Harrison Street, Wilmington, Dela-

Publications—The Torch, published annually; The Eagle's Wings, published semiannually; editor, ROSELLA WAL-

TER, 259 S. Washington Street, Tiffin, Ohio

Inquiries should be addressed to the president

(Information taken from American Junior Colleges.)

Phi Sigma Nu

Organized-1927

Existing chapters—three active; one alumni

President—EDWARD R. McGuire, 2534 West 83rd Street, Chicago, Illinois

Secretary—B. NISLE MEYER, 142 Arlington Avenue, Jersey City, New Jersey

Publication—The Phi Sigma Nu, published semiannually; co-editors, Sherman Keely, Jr., 1052 N. Harding Avenue, Chicago, Illinois, and Robert Kinn, Jr., 4918 N. Wolcott Street, Chicago, Illinois

Inquiries should be addressed to the president

Sigma Iota Chi

Organized—1903

Existing chapters—23 active; 12 alumnae

President—Mrs. Anthony E. Bott, 1317 Pennsylvania Avenue, East St. Louis, Illinois

Secretary—Mrs. Noel Delporte, 1057 Roth Avenue, St. Louis, Missouri

Publications—The Parchment, published quarterly; editor, Mrs. WILLIAM HAIRRELL, Woodward Avenue, Athens, Tennessee; The Scroll, published five times a year; editor, Mrs. Delporte Inquiries should be addressed to the

Inquiries should be addressed to the president

Theta Tau Epsilon

Organized—1921

Existing chapters—one active

President—Mrs. BERT WALLACE, 712 W. 22nd Street, Kearney, Nebraska

Secretary—Alberta Meyer, 5817 Waterman Street, St. Louis, Missouri

Publication—The Kite, published annually; editor, ALBERTA MEYER

Inquiries should be addressed to the president

Zeta Mu Epsilon

Organized—1921

Existing chapters—three active; three alumnae

President—HELEN FROELICH, National Park College, Forest Glen, Maryland Secretary—MRS. T. T. MACLIVER, 738 W. Baca Street, Trinidad, Colorado

Publications—The Evergreen, published annually; Zeta Mule, newsletter published irregularly; editor, Mrs. Angeline H. Orr, 235 E. Superior Street, Chicago, Illinois

Inquiries may be addressed either to the president or to the secretary

BETA PHI GAMMA CONVENTION

Following the modern trend, Beta Phi Gamma, national junior college journalism fraternity, made informality the rule at its second national convention, November 9 and 10, in Phoenix, Arizona.

Forty-three delegates, representing six of the 17 chapters, participated in the informal meetings and discussions, with Neil E. Cook, sponsor of the Phoenix Junior College chapter and vice-president of the national association, as host. If ideas uncovered in the round-table discussion can be generally applied, conformity to set journalistic rules is rapidly disappearing from the junior college newspaper. Several chapters have replaced editorials with feature stories which use good-natured satire in place of exhortation, which inform without becoming didactic. The summary lead has been virtually banned in two of the papers.

Oren Arnold, Southwestern author and feature writer, veered from the usual counsel at Saturday's luncheon, encouraging the delegates to try entering the writing field and advising them that quantity is more useful than quality to the beginning author. "You can't expect to sell your first articles to Harper's or Colliers," Mr. Arnold said. "Try some of the 'lesser lights,' trade journals, newspaper syndicates, Sunday school papers." He stressed the importance of photographs in modern writing and urged every would-be author to own a good camera and learn the fundamentals of photography, considering the illustrations an integral part of the article.

Tom Rippey, federal reporter for the Arizona Republic, opened the round-table discussion, giving the staff reporter's view of the field of journalism and suggesting ways of breaking into newspaper work.

At Saturday evening's steak fry on the desert, Roger Tatarian, state manager of the United Press, discussed foreign correspondence and the difficulty of news transmission in occupied countries and through censors during the present war.

Long Beach Junior College carried away the awards both for the best newspaper, *The Viking Press*, and for the best annual, *The Viking*. Jack Raymond, journalism instructor at North Phoenix High School, was judge.

In the writing contests San Bernardino and Santa Ana delegates took the honors. Gordon Phillips, San Bernardino, wrote the best editorial. Barbara Sackett, San Bernardino, won the news story contest and Linden Criddle, Santa Ana, the feature writing contest. Bill Kamarath, Santa Ana, received the prize for the best sports story and an autographed copy of *Hot Irons* by Oren Arnold and John P. Hale as sweepstakes award. Tom Rippey judged the contest stories.

At the meeting of the advisers, it was decided the national officers should serve for a two-year term, consequently no election was held this year. The present

executive board, Dr. George C. Booth, president; Neil E. Cook, vice-president; Mrs. Glenn Merryfield, executive secretary; Vernon W. Taylor, chairman of expansion, and Wayne Hodges, fraternity historian, continue until the fall of 1941.

It was further decided that every third convention should be held in conjunction with Alpha Phi Gamma, national senior college journalistic fraternity. Of the remaining two, one will always be held outside California. Taft Junior College, California, will be host to Beta Phi Gamma delegates next year.

NEIL E. COOK.

Phoenix Junior College Phoenix, Arizona

NAVIGATION AIDS

The teaching of navigation and meteorology in the Civil Pilot Training Program in one semester requires intensive class work and devices which will insure no loss of time in drawing figures on the blackboard.

Wright Junior College of Chicago has made a set of slides, about 160 in all, of the figures and tables in the required text, "Special Publications No. 197." The use of these slides insures accurate drawings quickly, permits covering more material in the class period and easy review of difficult sections.

Wright College is able to assist other schools by supplying sets of these slides either in the standard 3½x4 inch for \$16, or the 2x2 inch for \$9. These prices do not include shipping charge. This low cost is possible since it covers material only, as the labor is supplied by the WPA visual aid project of the Chicago Board of Education. Inquiries should be addressed to William H. Conley, Dean, Wright Junior College, 3400 North Austin Avenue, Chicago, Illinois.

MIDDLE STATES COUNCIL

Dr. David B. Pugh, retiring president of the Junior College Council of the Middle States, announces that the new officers of the Council which were elected at the annual meeting in Atlantic City on November 23, are as follows:

President: Dr. Paul D. Shafer, president, Packer Collegiate Institute, Brooklyn, N. Y.; vice-president: Dr. Theodore Halbert Wilson, president, The University of Baltimore Junior College, Maryland: secretary-treasurer: Mrs. Ordway Tead, dean, Finch Junior College, New York, N. Y.: executive committee: Dr. Eugene S. Farley, director, Bucknell University Junior College, Pa.; Dr. David B. Pugh, director, Undergraduate Centers, Pennsylvania State College, Pa.; Edward G. Schlaefer, dean, Monmouth Junior College, Long Branch, N. J.; Miss Courtney Carroll, president, Bennett Junior College, Millbrook, N. Y.; Byron S. Hollinshead, president, Scranton-Keystone Junior College, La Plume, Pa., and A. G. Breidenstine, dean, Hershey Junior College, Hershey, Pa.

Since the junior college is essentially a community institution, it will be more and more a terminal institution for the great mass of its students. Within this mass there will always be a group who will reach out for extra-community objectives. Such students must not, and cannot, be hedged about with predetermined restrictions. They will go on for further educational work as their horizons enlarge. But the institution itself will serve its day and generation best which devotes itself primarily to leading students into the realization of their own powers in the light of their own community interests and problems.—ROBERT L. Kelly, in The American Colleges and the Social Order.

MORE AVIATION COURSES

November 22, 1940.

My dear Dr. Eells,

I am writing to call your attention to the omission of the Columbus University Junior College in your story in the November issue of the *Journal* with reference to the Civilian Pilot Training Program. The Columbus University Junior College is the only college in the District of Columbia in which the non-college phase of the Civilian Pilot Training Program has been offered under the direction of the Civil Aeronautics Administration.

The first course was given from January until May, 1940, with a registration of 300. Of these 300 students, 28 received flight scholarships. The second course was given from July 2 until August 23, with an enrollment of over 200. Of these, 10 received flight scholarships. The third course began on November 12, with an enrollment of 212. There will be 10 flight scholarships available.

Sincerely yours,

Francis J. Mullen,

Dean.

TEXAS MEETING

Three outstanding addresses featured the annual meeting of the Junior College Section of the Texas State Teachers Association at Fort Worth, November 22. These were: "Cooperative College Study and Some of Its Implications for the Junior College," Dean E. N. Jones, Baylor University, Waco. "Vocational Education in Texas and Its Possibilities for the Junior College," James R. D. Eddy, Division of Vocational Education, State Department of Education, Austin. "The Place of the Junior College in Texas Education," Homer P. Rainey, president, University of Texas, Austin.

MORE RADIO TRANSCRIPTIONS

Glendale Junior College Glendale, California November 18, 1940.

Dear Dr. Eells:

In the news item "Radio Transcriptions" on page 74 of the October issue of the Journal is the statement: "... as Menlo is the only school on the Pacific Coast that is making these..." This statement is in error, in the fact that Glendale Junior College has made radio transcriptions for two years for use in the college and for the other schools in our system. These are released through our city visual aids office. Other Coast schools are doing this too.

Cordially,

R. B. Lewis.

(NOTE: The item in the October issue was taken from the student paper of Menlo Junior College. The claim to exclusive use evidently was based upon a little too much California enthusiasm!—ED.)

Since the spread of the public junior college appears to be inevitable, and since special legislation pertaining to this particular type of education organization has already made its appearance in Kentucky, it seems quite evident that it would be a wise move on the part of the State to enact general legislation on the subject.—H. A. ADAMS, in Criteria for the Establishment of Public Junior Colleges in Kentucky.

The city of Chicago has three public junior colleges to serve graduates from all the high schools in the city. Other large cities are moving fast in the direction of this type of organization. This type of junior college is destined to spread rapidly and play an important role in public education as a part of the large city school systems.—Carl E. Seashore, State University of Iowa, in The Junior College Movement.

The Junior College World

SAN BERNARDINO STUDY

How San Bernardino Valley Junior College, California, can better adapt its curriculum to preparation for employment is being determined by an extensive survey among the students. results of this survey, in which 46.3 per cent of the students indicated they will continue formal education after graduation from junior college, will aid in determining what portion of the college curriculum should be devoted to preuniversity training. Also indicated is the importance of fitting a proper proportion of junior college studies to the needs of the larger group, 53.7 per cent, which will seek employment upon graduation.

SHOREWOOD DEVELOPMENTS

Shorewood, a residential suburb of Milwaukee, Wisconsin, of 15,000 population, has been giving serious consideration to the establishment of a junior college. At a community meeting to discuss the subject November 19 the school auditorium was packed with more than 2,000 residents. The proposal to organize a junior college was sponsored by the city superintendent, H. S. Hemenway. Dr. Frank Jensen, superintendent of LaSalle-Peru-Oglesby Junior College, Illinois, made the principal address of the evening, pointing out the advantages of a junior college for the community. After some consideration the board of education has voted not to organize a junior college for the present. It is anticipated that the question will be reopened later.

STUDENTS ADDRESS FACULTY

When faculty address students it is not news—but when students address faculty it is news—to paraphrase the well known man-bite-dog criterion. The following clipping from the Wichita Falls, Texas, News tells how the normal faculty student relationship was reversed recently at one Texas junior college:

Miss Billie Lou Hallmark, editor of the college newspaper, and John Ausland, member of the second year class, were principal speakers before the faculty meeting at Hardin Junior college Thursday afternoon. As a change from faculty discussion leaders, these two students were invited to give their impressions of terminal education in junior college. Their talks were based on the recent conference on terminal education in the junior college, held at Dallas under the leadership of Dr. W. C. Eells, secretary of the American Association of Junior Colleges. Hardin's teachers were high in their praise of the skill with which the two young people presented their reports, according to Dean G. M. Crutsinger.

GYMNASIUM CORNERSTONE LAID

Students, faculty, and board members of Trinidad Junior College, Colorado, participated in ceremonies at the laying of the cornerstone for the new college gymnasium November 14. The principal address was given by Judge J. Edgar Chenoweth, Congressman-elect, who spoke on "The Prospect for Youth."

PACKARD EXPERIMENT

Modern educators agree that all knowledge does not come out of books. Experience and observation play important roles. The collegiate division of the Packard School in New York City recently undertook such an experiment of observation with the most satisfactory results. One week in November was re-

served exclusively for inspection tours of various types of business organization and operation. An automobile assembly plant, a cooky factory, businesses where cost accounting, management, and mechanized bookkeeping were in operation, a brokerage house, the stock exchange, large and small retail stores, and various types of stenographic departments were visited. These provided contrasts and also enabled each student to keep in mind his own particular interest which he already had or was to obtain through his observations. To complete the experiment, written reports of the students' reactions were prepared, and a forum was conducted on the last day of the week, where each student could express his views. In this group discussion, the experiment was unanimously voted a success. It will continue as a vital part of the collegiate program.

DEATH OF DEAN LLOYD

Charles A. Lloyd, dean of Biltmore College, North Carolina, died November 10 at the age of 54 years. He had been dean of Biltmore since 1936.

ALAMEDA COUNTY PLANS

Citizens of Alameda County, California, in which the city of Oakland is located, are intensely interested in providing a junior college, as indicated by the following clipping from the San Francisco Chronicle:

Alameda county can claim one great distinction, an indignant citizens' committee has informed the Board of Supervisors. It is the largest county in the State without a junior college.

The revelation fell on the board like a bombshell. Members began passing the buck like chops in a boarding house.

"We can't do anything about it. Besides we've never had a request for one," said Chairman George A. Janssen and he explained that the 10 high school boards of the county would have to petition the State Superintendent of Public Instruction before one could be established.

High school boards said they couldn't petition unless there was a need for one. Moreover it would entail formation of a junior college district.

A check revealed that 1611 Alameda county students were attending junior colleges elsewhere at the present time.

where at the present time.

E. J. Bull, head of the citizens' committee, said he would take the matter by the horns.

DEATH OF DR. BROWN

Dr. Arthur E. Brown, 64, headmaster of the Harrisburg Academy and Junior College, Pennsylvania, for 28 years until his retirement because of ill health last spring, died at Harrisburg November 27. Dr. Brown was stricken more than a year ago with a rare form of paralysis. Born at Union Station, Ohio, he was a graduate of Ohio Wesleyan University. He taught in private schools in Ohio, Cambridge, Massachusetts, and Philadelphia before he became headmaster at Harrisburg Academy in 1912.

EL DORADO EDITION

A six-page junior college supplement was a special feature of the issue of the El Dorado (Kansas) Times for August 14. A compact history of the institution, and full information concerning the library, laboratories, and other equipment of the college were presented. Parttime student work available, aeronautical training, alumni activities, student organizations, and teacher training facilities were other subjects attractively presented in text or in illustrations. A total of 3.100 students have attended El Dorado Junior College since its organization in 1927. The leading editorial in this issue of the Times comments in part as follows:

Today The Times is pleased to devote considerable space to El Dorado Junior College. There can be no question as to the value of the College, both to the community as a whole and to the students who attend it. As Butler County's seat of higher learning it has made

an enviable name for itself. Ample proof of this is offered by the fact that its enrollment has had a steady and substantial growth, until it now ranks near the top among Kansas' fourteen junior colleges. The place of the junior college in the educational world is well past the experimental stage. It is generally accepted as a supplement to, not a competitor of, the four-year colleges and universities.

SNYDER LECTURE

The seventh annual William Henry Snyder lecture was given December 17 at Los Angeles City College by Dr. Eric C. Bellquist, of the faculty of the University of California, who spoke on "The Position of Our Democracy in the Present Crisis." The lectureship was established in honor of the founder and first director of the college.

TRIP BY DR. HOLMES

Dr. Henry W. Holmes, chairman of the Committee for Educational Relations of Harvard University and also chairman of the American Council on Education, has been making a trip throughout the country in which he has been visiting and studying junior college conditions and developments, particularly on the Pacific Coast.

DEAN OF WOMEN TRANSFERS

Sara T. Delaney, dean of women, Blackburn College, Illinois, has resigned to accept the deanship of women at New York State College for Teachers, Albany.

MT. VERNON BOOK EXHIBIT

Students of Mount Vernon Seminary, Washington, D. C., held their annual book exhibit and fair Saturday, December 14. Members of the student honor organization, Optima, were hostesses at the event. The guest of honor was Jan Struther, author of "Mrs. Miniver," who was present to autograph copies of her work. Guests found a selection of about

500 of the season's best books through which to browse. Half of the proceeds were devoted to British war relief and half to the school library. Another feature of book week was an address on "The Romance of Book Collecting," by John Hogan. A part of Mr. Hogan's collection of books is on exhibition at the Folger Shakespeare Library.

VERSE SPEAKING CHOIR

Miss Charlotte Lee, who joined the staff of William Woods College, Missouri, this fall as head of the department of speech, has organized a Verse Speaking Choir of 18 members. This choir will present programs from time to time in which they will read in unison or in complementary groups selections of poetry especially adapted for this type of presentation.

PASADENA STUDENT UNION

Plans for a \$125,000 student union building at Pasadena Junior College, California, have been approved by the college authorities and are awaiting approval by WPA authorities in Washington. The building is to be financed jointly by a WPA grant, the local board of education, and the student body. It is hoped that construction may begin January 1.

The place of the junior college was won before their rapid increase in numbers began. The urgent question now confronting them is not what are the best methods of propaganda or how may they be reduced to a state of uniformity through processes of standardization, but, rather, what are they to do with the opportunity, the challenge, which now presents itself.—ROBERT L. KELLY, in The American Colleges and the Social Order.

From the Secretary's Desk

\$103,300 FOR TERMINAL STUDY

Grants totaling \$103,300 for a fouryear continuation of certain aspects of junior college terminal education in the junior colleges of the United States were made by the General Education Board at its meeting in New York City December 5. These grants are the outgrowth of exploratory studies made through 1940 by the Association's Commission on Junior College Terminal Education under the grant of \$25,000 made by the same Board a year ago.

A grant of \$45,500 was made directly to the American Association of Junior Colleges to carry on certain activities in 1941, 1942, and 1943, with 1944 allowed for publication of summary reports. The greater part of this grant is to be used for the organization of summer workshops in terminal education, for which responsibility is vested in the Administrative Committee of the Commission on Junior College Terminal Education. Two summer workshops will be conducted in the summer of 1941, one in cooperation with George Peabody College for Teachers at Nashville, Tennessee, using the facilities of Ward-Belmont School, Nashville; the other in cooperation with the University of California at Berkeley, at a location to be designated later.

Provision is also made for a series of publications to be issued at intervals, for committee meetings, and also for a clearing house center for information, correspondence, news releases, and coordination with other studies being conducted by the Association in the same

general field. This office will be maintained at the offices of the Association in Washington, D. C.

Grants totaling \$57,800 were made directly to eight institutions selected by the General Education Board to carry on investigations of special problems related to terminal education. The names of these institutions and the specific purposes for which the grants were made are as follows:

Bakersfield Junior College, Bakersfield, California. Study of guidance procedures with oncoming student population.

Los Angeles City College, Los Angeles, California. Study of aptitude tests for admission to semiprofessional curricula.

Pasadena Junior College, Pasadena, California. Study of placement, followup, and continuation training.

Rochester Athenaeum and Mechanics Institute, Rochester, New York. Study of use of cooperative work programs.

San Francisco Junior College, San Francisco, California. Inquiry into ways of making community surveys to determine the kinds of terminal courses best adapted to individual communities.

Scranton-Keystone Junior College, La Plume, Pennsylvania. Study of the utilization of community committees.

Weber College, Ogden, Utah. Study of selection and organization of terminal courses especially suited to needs of the Ogden area.

Wright Junior College, Chicago, Illinois. Study of ways of evaluating the results of terminal courses.

Further announcements regarding the procedures to be followed in these insti-

tutional studies will be made in an early issue of the Journal.

THE CHICAGO MEETING

National defense and terminal education will be the two topics around which the principal part of the program for the next annual meeting will be built. These will be the topics for consideration at several general sessions as well as at numerous section meetings.

The convention will be held at the Stevens Hotel, Chicago, February 27 and 28 and March 1. Those in attendance at the Atlantic City educational meetings to be held earlier the same week can reach Chicago in time for the first session Thursday morning by leaving Atlantic City at 4:45 Wednesday afternoon.

On Thursday the morning and afternoon sessions will stress different phases of the defense situation. President Colvert's presidential address will deal with aviation aspects of national defense as related to junior colleges. Dr. Fred J. Kelly, head of the division of higher education in the United States Office of Education, who has charge of the administration of engineering educational funds, will speak on the military aspects of defense as it affects junior colleges. A speaker to be announced will discuss some of the more general aspects of total defense as it affects junior colleges. Dean Dwayne Orton of Stockton Junior College, California, will emphasize the possibility of cooperative relationships with the NYA and other government agencies.

On Friday morning a group of speakers will discuss "Junior College Terminal Education As I See It." Addresses will include one by Paul A. Mertz, director of company training for Sears Roebuck and Co., speaking from the standpoint of commerce; Reuben G. Soder-

strom, president of the Illinois State Federation of Labor, from the standpoint of labor; Dr. Robert H. Spahr, director of the General Motors Institute of Technology, from the standpoint of engineering and technology; and Miss Ivol Spafford, formerly of the General College of the University of Minnesota, from the standpoint of home economics.

On Saturday morning a group of students will tell why they are enrolled in terminal curricula and Dr. E. V. Hollis, of the American Council on Education, will discuss preparation and qualifications of instructors for terminal curricula.

On Friday afternoon and again on Saturday morning there will be a series of 14 section meetings arranged especially for instructors, covering the following fields: English, foreign languages, social studies, natural sciences, mathematics and technology, library, guidance, business education, home economics, music, art, physical education, speech and journalism. On Friday afternoon the general topic at all these sessions will be "The relation of terminal education to my field." On Saturday morning the same sections will devote their attention to "The relation of national defense to my field."

One reason for selection of Chicago for the meeting this year was the fact that the University of Chicago is celebrating its fiftieth anniversary. The outstanding feature of the banquet Friday evening, very appropriately, will be an address by President Robert Maynard Hutchins of the University. On Thursday morning Dr. L. W. Smith, a former president of the Association, will discuss the significance of the University's first president, William Rainey Harper, in junior college education.

Dean William H. Conley, of Wright Junior College, who is chairman of the local committee on arrangements, is planning a number of unique features. He anticipates an attendance between 1,000 and 1,500. Reservations should be sent directly to the Stevens Hotel while space is still available. All sessions will be held at the Stevens.

PRESIDENT ELL'S INAUGURATION

President Guy M. Winslow of Lasell Junior College octed as representative of the Association at the inauguration of Carl S. Ell as president of Northeastern University, Boston.

CORRECTION

An unintentional injustice was done to Marot Junior College, Thompson, Connecticut, in the new volume American Junior Colleges. On page 64 the following footnote was inserted concerning state department of education accreditation for this junior college: "Information received May, 1940, indicates this institution no longer thus recognized, but institutional exhibit retained in Part A letter of November 25, 1940, from the Connecticut State Department of Education states that their report of May, 1940 was in error. Marot should have been reported as fully accredited at the time the volume went to press. The Association regrets the error and takes this means of correcting it.

NEW LEAFLETS

During the past three months the Association has published three leaflets for general use, The Junior College Movement, by Walter C. Eells, Executive Secretary; Is the Junior College Cast in the Proper Role?, by Robert B. Reed, editor of the Garden City (Kansas) Daily Telegram; and What 15 Editors Think of the Junior Colleges, a symposium consisting of brief extracts from significant editorials published recently

in all parts of the country. Copies of these three leaflets have been mailed to each junior college administrator in the country.

ARE WE TOO FRIVOLOUS? A Letter to the Editor—

November 16, 1940.

My dear Dr. Eells:

I was somewhat disappointed to see an item in the November issue of the Junior College Journal. Junior colleges, as you know, have not yet been accepted as having quite the same standing as the four-year colleges. The Junior College Journal is the official organ of the American Association of Junior Colleges, and, in fact, the only junior college magazine of any importance. I think the magazine in every way should uphold the highest academic standards, particularly because we are on trial. With the foregoing in mind, it is difficult for me to see what place an item like that on page 136, which treats of the number of dates girls have, may properly claim in the Junior College Journal.

Very sincerely yours,

President.

And the Editor's Reply

December 2, 1940.

Dear President:

I am glad to have your comments on a particular item in the *Journal* because it is evidence to me that even the minor items are read with care by junior college administrators. I agree with you that the *Journal*, to which I have devoted much time and thought for the past eleven years, ought to uphold the highest academic standards.

The Journal has been criticized occasionally, however, for being too serious. We have tried to present each month a varied educational menu to appeal to a variety of tastes and interests.

It has seemed to me that an occasional item concerning the lighter phases of college life is not entirely out of place.

You will agree with me, I am sure, that the social side of college life is an important element which should not be neglected. I note that the catalog of your institution speaks of dances, both formal and informal for the students, and promises to "provide ample training in the social graces which are so important a part of the education of the young woman of today." I wonder if occasional items concerning this aspect of junior college life are inconsistent with the maintenance of high standards for the *Journal*.

Perhaps I have erred in editorial judgment. I certainly do not want to publish material that will tend to bring the junior college movement into disrepute. I should be glad to know what other readers think of printing this type of item occasionally.

Very truly yours,

WALTER C. EELLS,

Editor.

PRESS ASSOCIATION

The Executive Secretary represented the Association at a special conference called by the Executive Committee of the Educational Press Association of America at Washington November 8. The purpose of the conference was to discuss plans for the better distribution of the findings of educational research.

ADULT EDUCATION

Pressure of other duties has compelled Nicholas Ricciardi of San Bernardino Valley Junior College, California, to resign his position as chairman of the Association's Committee on Junior College Adult Education. The appointment of this committee was announced in the September Journal. President Ricciardi's

place as chairman has been filled by the appointment of Joseph Hackman, assistant dean of the Austin Evening Junior College, Chicago. Mr. Hackman expects to send an inquiry regarding the need for a nationwide study to all junior college executives early in January.

SECRETARY'S ACTIVITIES

The Executive Secretary's field activities during the past month have included a study of William Morris School of Business, Pittsburgh, November 29; an address before the Southern Association of Junior Colleges at Memphis, December 10; an address before the Southern Association of Colleges and Secondary Schools, December 12; an address at a meeting of the Board of Associates of the Junior College of Connecticut and invited citizens of Bridgeport, December 13: an address before students, faculty, and invited guests of New London Junior College, Connecticut, December 14; an address before Section Q of the American Association for the Advancement of Science at Philadelphia, December 30; and an address before the National Association of Teachers of Speech at Washington, December 31.

CONSTITUTIONAL AMENDMENT

The Executive Committee gives notice that at the 1941 meeting of the Association it will submit for consideration an amendment to Article IV of the Constitution providing for increase of dues of active members to \$25 (or \$30), and of associate members to \$15 per year.

These advantages of a complete break between the high school and the junior college far outweigh the advantages of continuity.—Carl E. Seashore, State University of Iowa, in *The Junior College Movement*.

Junior College Directory, 1941

Compiled by

WALTER CROSBY EELLS

Executive Secretary, American Association of Junior Colleges

and

PRISCILLA WINSLOW

Office Secretary

THIS Directory contains information concerning all junior colleges in the United States which have been reported to the Washington Office of the American Association of Junior Colleges up to December 15, 1940. This list is meant to be inclusive rather than exclusive and therefore it contains the names of some institutions which may be doing relatively little junior college work. It omits, however, a number of institutions that give work of college grade but are not organized on a junior college basis as well as several normal schools and teachers colleges listed in previous issues of this Directory. It includes separately organized junior colleges, general colleges, or lower divisions of four-year colleges or universities only in case they are active members of the American Association of Junior Colleges. Whenever an institution has so requested, its name has been omitted from the list. Institutions for whom no information was reported in the 1940 Directory have been dropped from the 1941 Directory unless new information has been secured to justify the retention of their names this year. The data here included have been taken from reports received in the autumn of 1940, directly from some responsible officer of the junior college named, except as otherwise indicated.

For explanation of terminology and symbols see the following page. For a summary of certain features by states and type of control of the colleges, see page 281. A fuller summary and analysis will be found in the February, 1941, issue of the *Junior College Journal*.

EXPLANATIONS

The following explanations will aid in a more intelligent use of this Directory:

- Location. This is the mailing address of the institution, regardless of its actual physical location.
- Administrative Head. In branch junior colleges a question sometimes arises as to whether the president of the parent institution or the dean of the local junior college should be considered the administrative head. In many public junior colleges, organized as parts of city school systems, a similar question concerns the city superintendent of schools and the dean or principal of the junior college. In all such cases the institution's own designation of its "administrative head" has been accepted, even though uniformity is thereby sacrificed. The administrative head, as stated, presumably is the individual to whom general correspondence concerning the institution should be addressed. His official title is indicated in the fourth column.
- Type. Three types are distinguished—coeducational, for men only, and for women only, indicated by the initial letters, C, M, and W.
- Control. The primary basis of classification, as commonly recognized, is two-fold: institutions publicly controlled, and institutions privately controlled. Publicly controlled institutions are ordinarily reported as "state" when they are controlled by a state appointed or elected board rather than by a local board of education. "District" type of organization is indicated in a few states. Otherwise "local" or "municipal" type is to be understood. Privately controlled institutions were asked to indicate their denominational affiliation or control. When stated, this is indicated.
- Year Organized. Each institution was asked to report the year it was organized as a junior college. In some cases, however, it is evident that there has been reported instead the date of origin of an institution of same or similar name which has since developed into a junior college. Dates prior to 1900 should usually be interpreted in this way.
- Accreditation. Three types of accreditation (State Department, State University, or Regional Association or equivalent recognition) are indicated by appropriate symbols, arranged in order:

- D-State Department of Education; Board of Education in the District of Columbia; junior college accrediting commission in Mississippi.
- U-State University, State College, or equivalent institution in states which do not have a state university; or by state college association or equivalent organization recognized as a state accrediting agency.
- Accreditation by or membership in one of the regional associations of colleges and secondary schools:

 E-New England Association

 M-Middle States Association

 N-North Central Association

 S-Southern Association

 W-Northwest Association
- Enrollment. Note that enrollment data are usually given for the previous complete year, 1939-40. In a few cases of newly organized institutions enrollment for 1940-41 is given. Under "special" students are included day students taking less than a normal load; students in late afternoon, evening, and extension courses; adults in special courses, summer school students, etc.
- Faculty. Note that number of faculty members, unlike number of students, is given for the current year, 1940-1941, in two classes, full-time, and part-time.
- Membership. Membership in the American Association of Junior Colleges is indicated by a symbol preceding the name of the institution: an asterisk (*) for active members; a dagger (†) for associate members. Active membership is open to any junior college which has received any of the three types of accreditation or equivalent recognition indicated in the explanation of "accreditation" above. Associate membership is open to newly organized institutions and others which have not yet received such recognition. The American Association of Junior Colleges does not act as an accrediting agency.
- Negro Institutions. Junior colleges for negroes are indicated by (N) following the name of the institution.

Summaries by States

Gt. t.	JUNIOR COLLEGES			En	ENROLLMENT			FACULTY			Membership in American Association of Junior Colleges	
State	To- tal	Pub- lic	Pri- vate	Total	Public	Pri- vate	Total	Public	Pri- vate	Active	Asso-	
United States	610	261	349	236,162	168,228	67,934	13,545	7,176	6,369	377	37	
Alabama	8	0	8	1173	0	1173	116	0	116	4	1	
Arizona	2	2	0	1184	1184	0	54	54	0	2	0	
Arkansas California	64	48	3 16	2692 86357	2416 82666	276 3691	164 2905	133 2637	31 268	7 37	0	
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Colorado	7	3	4	2106	1577	529	133	74	59	4	o	
Connecticut	14	ő	14	3170	1010	3170	302	0	302	9	2	
Delaware	0	ŏ	0	0	ŏ	0	0	ŏ	0	0	2 0	
Dist. of Columbia	11	0	11	3049	0	3049	263	0	263	7	4	
Florida	7	1	6	1908	124	1784	133	22	111	3		
Georgia	20	11	9	5635	4360	1275	340	247	93	10	0	
Idaho	4	3	1	2110	1764	346	140	123	17	3	0	
Illinois Indiana	24	12	12 4	19589 623	16574 128	3015 495	796 56	524 11	272 45	20	1 0	
Iowa	36	27	9	3768	2554	1214	437	291	146	14	0	
Kansas	24	15	9	5798	5125	673	438	320	118	16	o	
Kentucky	14	2	12	3514	381	3133	212	19	193	10	ŏ	
Louisiana	3	2	1	876	781	95	70	56	14	2	0	
Maine	4	0	4	517	0	517	70	0	70	3	0	
Maryland	8	0	8	1163	0	1163	165	0	165	6		
Massachusetts	23	0	23	5994	0	5994	564	0	564	8	9	
Michigan	13 16	13	3	4187	3779 3062	408 264	267 278	231 244	36 34	12 10	0	
Minnesota Mississippi	22	12	10	3326 5205	4156	1049	410	269	141	16	Ö	
Missouri	24	10	14	8143	3741	4402	717	223	494	17	1.	
Montana	5	3	2	770	708	62	74	55	19	3	1	
Nebraska	5	2	3	800	355	445	73	35	38	5	0	
Nevada	0	0	0	0	0	0	0	0	0	0	0	
New Hampshire	3	0	3	530	0	530	75	0	75	3	0	
New Jersey	11	3	8	2990	1234	1756	196	46	150	5	4	
New Mexico	12 12	2 0	0 12	1319	1319	2936	69	69	303	6	0	
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North Dakota	4	4	0	912	912	0	76	76	0	3	ŏ	
Ohio	8	1	7	2203	249	1954	144	17	127	5	1	
Oklahoma	30	26	4	5409	5136	273	410	370	40	16	0	
Oregon	2	0	2	758	0	758	74	0	74	2	0	
Pennsylvania	24	6	18	4844	1241	3603	407	79	328	15	5	
Rhode Island	0	0	11	1550	0	1550	110	0	110	0 5	0	
South Carolina	11	0		1553	0	1553	110	0	110	- 1	0	
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Texas	43	24	19	15085	11822	3263	818	574	244	22	ō	
Utah	6	5	1	3299	3149	150	191	168	23	4	0	
Vermont	3	Ŏ	3	454	0	454	66	0	66	3	0	
Virginia	16	1	15	3166	541	2625	290	0	290	13	0	
Washington	8	0	8	1398	0	1398	98	0	98	8	0	
West Virginia	4	1	3	1052	351	701	73	20	53	3 2	0 0 0	
Wisconsin	7	2 0	5	4273	4102	171	177	130	47	0	0	
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	Institution	*Marion Institute Oakwood Junior College (N) *St. Bernard Junior College Selma University (N) *Snead Junior College Southern Union College Southern Union College *Stillman Institute (N) †Walker Junior College	*Gila Junior College	*Arkansas Polytechnic College *Central Ark., Jr. Agric. Coll. of Central College *Dunbar Junior College *El Dorado Junior College *Fort Smith Junior College *Fort Smith Junior College *Little Rock Junior College Shorter College (N) †† *State A. and M. College	Antelope Valley Junior College *Armstrong Junior College *Bakersfield Junior College *Beulah College Brawley Junior College California Concordia College *Central Junior College *Central Junior College *Chaffey Junior College *Chaffey Junior College *Chaffey Junior College *California Extension Center Coaswell Polytechnical College *Compton Junior College
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^(*) Active member of the American Association of Junior Colleges.

(†) Associate member of the American Association of Junior Colleges.

(†) Accepted by University Senate of the Methodist Church.

(††) No report. Data taken from Christian Higher Education.

(**) Post graduates.

(1) Includes California School of Mech. Arts.

⁽a) Additional enrollment in lower two years, 1187.
(b) Third year students.
(c) Includes 24 third year students.
(d) Additional enrollment in lower two years, 8294.
(e) Additional enrollment in lower two years, 764.

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		LOCATION	San Mateo Santa Ana Santa Maria Santa Monica Santa Rosa Sanford Univ. Stockton Stockton Veptura Ventura Visalia Berkeley Marysville	Balboa Heights	Denver Denver Denver Grand Junction Pueblo Lamar Trinidad	New Haven Bridgeport Hartford Hartford New Haven Thompson Farmington Hartford New Haven
		INSTITUTION	*San Mateo Junior College *Santa Ana Junior College *Santa Maria Junior College *Santa Monica Junior College *Santa Monica Junior College *Santa Rosa Junior College *Stanford University, Lower Div. Stockton Evening Junior College *Stockton Junior College *Taft Junior College *Taft Junior College Ventura Evening Junior College Ventura Junior College Visalia Junior College Visalia Junior College Visalia Junior College *Yuba Junior College *Yuba Junior College	CANAL ZONE *Canal Zone Junior College	COLORADO Belleview Junior College Colorado Vocational College *Colorado Woman's College *Mesa County Junior College *Pueblo Junior College Southeastern Colo., Jr. Coll. of *Trinidad State Junior College	*Comnerce, Junior College of *Connecticut, Junior College of Hartford Junior College *Hillyer Junior College *Larson Junior College *Marot Junior College Miss Porter's School †Morse Junior College *New Haven YMCA Junior Coll. †New London Junior College
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New Haven Waterbury Bloomfield Milford	Washington	Daytona Beach Jacksonville Live Oak St. Augustine West Palm Beach St. Petersburg Babson Park	Tifton Cuthbert Savannah Atlanta Augusta Mount Vernon Franklin Springs Oxford Valdosta Milledgeville	ociation
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(*) Active member of the American Association of Junior Colleges.
(†) Association ember of the American Association of Junior Colleges.
(†) Affiliated with Catholic University of America.
(†) Accredited by University Sen

(**) Post graduates.
 (§§) Accepted for active membership in the association after inspection by a special committee of the American Association of Junior Colleges.
 (f) Additional enrollment in lower two years, 670.
 (g) Additional enrollment in lower two years, 9.

FACULTY 1940-41	rull rart. Time Time	22 4 4 2 2 2 2 3 3 2 0 0 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	30 11 65 1 8 8 15 2	22 23 25 25 25 25 25 25 25 25 25 25 25 25 25
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, 1939-4	Soph. Spec.	157 37 159 48 259 65 49 108 174 2	320 320 320 119	816 125 125 127 127 127 127 127 127 127 127 127 127
Enrollment, 1939-40	Fresh.	218 92 295 371 94 45 45 229 198	256 573 80 210	1359 177 177 1860 20 20 20 216 215 215 218 113 181 181 181 181 181 181 181 181 1
ENR	Total	386 129 465 140 636 159 94 351 687	459 1205 100 346	2175 304 1631 38 1660 169 1715 1715 471 348 141 141 161 101 68 103 350 1107 50
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YEARS	IN- ACCREDI	Two Two Two Two Two	Two Two Two	Two
ORGAN- IZED	AS JR. COLL.	1924 1928 1929 1924 1934 1934 1938 1933	1932 1927 1933 1915	1938 1918 1914 1938 1934 1934 1929 1929 1929 1918 1919 1919
CONTROL C	_	State Public State Baptist State Presby. Methodist State Methodist	District State District L.D.S.	Public Presby. Public Private Private Private Baptist Public District District Catholic Private Private Private Private Private Private Private Private Private Private Private Private Private
0	TYPE	OZOCOCOCO	0000	Konode
	TITLE	Pres. Pres. Pres. Pres. Pres. Pres. Pres.	Pres. Dean Pres. Pres.	Dean Pres. Dean Hdm. Hdm. Pres. Pris. Pres. Dean Pres. Dean Pres. Dean Pres. Pres. Pres.
,	HEAD ADMINISTRATIVE	Peyton Jacob J. E. Guillebeau Leo H. Browning Paul Carroll J. C. Rogers G. C. Bellingrath W. M. Bratton J. M. Thrash Irvine S. Ingram T. J. Lance	Eugene B. Chaffee John R. Nichols Orrin E. Lee Hyrum Manwaring	Hobart H. Sommers William M. Hudson Robert C. Keenan Earl G. Leinbach M. L. Fitzgerald T. Otmann Firing Eloise R. Tremain Albin C. Bro Dorph Brown C. L. Jordan Frank A. Jensen William D. Copeland Ross Holt Edward Morgan Mother Sebastian G. I. Rohrbough Albert G. Dodd Walter B. Spelman Algoth Ohlson Justus Wirth
	LOCATION	Americus Barnesville Cochran Norman Park Dahlonega Rabun Gap Waleska College Genola	Boise Pocatello Coeur d'Alene Rexburg	Chicago Carlinville Chicago Elgin Chicago Evanston Lake Forest Mount Carroll Chicago Joliet La Salle Lincoln La Grange Park Ridge Wilmette Alton Chicago
	Institution	*Georgia Southwestern College *Gordon Military College *Gordon Military College Middle Georgia College Norman Junior College *North Georgia College Rabun Gap-Nacochee School Reinhardt College *South Georgia College *South Georgia College *Yest Georgia College *West Georgia College	*Boise Junior College *Idaho, Sou. Branch of Univ. of *North Idaho Junior College Ricks College	*Austin Evening Junior College *Blackburn College *Carl Schurz Evening Jr. Coll. Eligin Academy and Jr. Coll. Englewood Evening Jr. College *Evanston Collegiate Institute *Ferry Hall *Frances Shimer Junior College *Herry Hall *Trances Shimer Junior College *Joliet Junior College *Joliet Junior College *Lincoln College *Lincoln College *Lincoln College *Mallinekrodt College *Mallinekrodt College *Monticello College *Monticello College *Morton Junior College *Morton Junior College *Morton Junior College *Morton Junior College *Norton Junior College

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1929 1927 193 4 193 4	1839 1932 1932 1934 1924	1927 1928 1927 1920 1920 1923 1928 1929 1924 1927 1927 1928 1928 1928 1928 1928
Catholic District Public	Lutheran Private Private Catholic District	Public
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Dean Dean Dean Dean	Pres. Dean Pres. Rector Pres.	Dean Dean Dean Dean Dean Dean Dean Dean
Eugene R. Dougherty James L. Beck John A. Bartky William H. Conley	Ottomar Krueger Albert Fertsch Hurd A. Drake Albert M. Leis Walter A. Davis	Donald O. Smith E. T. Carlstedt J. R. Thorngren L. J. Thies Robert White, Jr. T. C. Ruggles F. A. Lunan Herbert L. Glynn V. L. Sanders J. J. Boylan Gerald Shepherd R. J. Schlicher Arthur L. Williams Richard D. Rowley Warner Kirlin Harris Dickey George N. Briggs G. E. L. Miller James Ras B. R. Miller James Ras Mother M. P. Carrico Willetta Strahan Jacob Heemstra Harley F. Glidden
Springfield Harvey Chicago Chicago	Fort Wayne Gary Kokomo Mount St. Francis Vincennes	Albia Bloomfield Boone Britt Burlington Centerville Chariton Clarinda Creston Des Moines Eagle Grove Elkader Iowa Falls Emmetsburg Estherville Fort Dodge Lamoni Des Moines Independence Hopkinton Maquoketa Marshalltown Mason City Cedar Rapids Clinton Muscatine Orange City Oscoola
*Springfield Junior College *Thornton Junior College *Woodrow Wilson Junior College *Wright Junior College	INDIANA Concordia Junior College Gary College *Kokomo Junior College Mount St. Francis College *Vincennes University Jr. Coll.	Albia Junior College Bloomfield Junior College *Boone Junior College Britt Junior College Britt Junior College Centerville Junior College Chariton Junior College Chariton Junior College Clastinda Junior College Creston Junior College Eagle Grove Junior College Elkader Junior College Elkader Junior College Elkader Junior College Estherville Junior College Estherville Junior College Fort Dodge Junior College Fort Dodge Junior College Fort Dodge Junior College Fort Maquoketa Junior College *Marshalltown Junior College Lenox College Maquoketa Junior College Mason City Junior College *Mount St. Clare Junior College *Muscatine Junior College *Northwestern Junior College *Northwestern Junior College *Northwestern Junior College *Occola Junior College

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St. Bede Junior College

(*) Active member of the American Association of Junior Colleges. (†) Associate member of the American Association of Junior Colleges.

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FACULTY 1940-41 Full Part- Time Time	80008208	771 88 87 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	11
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r, 1939. Soph.	25 25 25 25 25 25 25 25 25 25 25 25 25 2	222 222 222 222 223 223 224 225 226 226 227 227 227 227 227 227 227 227	57
ENROLLMENT, 1939-40	35 60 38 118 60 70	210 46 194 360 225 225 225 225 225 236 247 247 257 257 257 257 257 257 257 257 257 25	158
ENR	120 60 85 57 194 84 65	351 105i 313 355 356 403 40 413 45 375 111 375 184 533 375 195 65 115 65 115 65 116 85 195 85 195 85 195 86 195 87 195 87 195 87 195 87 195 87 195 87 195 87 195 195 195 195 195 195 195 195 195 195	252 163
YEARS IN- ACCREDI- CLUDED TATION	NDQ		DU- DUS
YEARS IN- CLUDED	Two Two Two Two	Two	Two
ORGAN- IZED AS JR. COLL.	1925 1922 1926 1927 1927 1927 1923	1922 1936 1936 1935 1923 1925 1927 1928 1923 1923 1923 1938 1938 1938	1938 1916
CONTROL OR AFFILIA-	Catholic Public Public Public Lutheran Public Public	Public Fr.Meth. Public Catholic Lutheran Catholic Lutheran Catholic Catholic Catholic Catholic Amen.Breth	Public Baptist
TYPE	≱ 00000000	000000000000000000000000000000000000000	OB
TITLE	Pres. Supt. Supt. Dean Pres. Dean Supt.	Supt. Pres. Dean Dean Dean Dean Dean Dean Dean Dean	Dean Pres.
ADMINISTRATIVE HEAD	Mother M. Geraldine J. R. Inman W. C. Jackman Ralph E. Bente J. L. Rendahl Harland W. Mead B. K. Orr	C. E. St. John Orville S. Walters W. W. Bass W. M. Ostenberg R. C. Hunt Earl Walker W. S. Davison Charles A. Beals J. R. Jones Milo Kauffman C. M. Rankin C. M. Lockman C. F. Wellemeyer C. F. Wellemeyer C. Froyd Hester Mother J. Schaub E. F. Farner H. B. Unruh Leon A. McNeill Carl S. Mundinger Alfred Carney A. E. Janzen Dan C. Matthews	Herbert C. Hazel K. R. Patterson
LOCATION	Ottumwa Red Oak Sheldon Tipton Forest City Washington Waukon Webster City	Arkansas City McPherson Chanute Coffeyville Dodde City El Dorado Fort Scott Haviland Garden City Heston Highland Hutchinson Independence Iola Kansas City Miltonvale Paut Pratt Wichita Winfield Hays Hillsboro	Ashland Hopkinsville
Institution	*Ottumwa Heights College Red Oak Junior College Sheldon Junior College Tipton Junior College Waldorf College *Waldorf College Washington Junior College Waukon Junior College Webster City Junior College	*Arkansas City Junior College *Central College Contral College Coffeyville Junior College *Coffeyville Junior College *Dodge City Junior College Fort Scott Junior College Friends Bible College Friends Bible College Friends Bible College Hesston Coll. and Bible School *Highland Junior College *Hutchinson Junior College *Independence Junior College Inda Junior College Kansas City Junior College Kansas City Junior College *Ransas City Junior College *Parons Junior College *Tabor College *St. John's College *St. John's College *St. John's College *Tabor College *Tabor College *Tabor College *Tabor College	KENTUCKY *Ashland Junior College *Bethel Woman's College

^(*) Active member of the American Association of Junior Colleges.
(**) Associate member of the American Association of Junior Colleges.
(**) State owned and financed.
(**) State owned and financed.
(**) Affiliated with Catholic University of America.
(2) Formerly listed as Junior Bible College.
(3) Formerly Lake Charles Junior College.

⁽i) Additional enrollment in lower two years, 29.

(k) Additional enrollment in lower two years, 18.

(k) Additional enrollment in lower two years, 433.

(i) Additional enrollment in lower two years, 46.

(m) Additional enrollment in lower two years, 28.

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FACULTY 1940-41 Full. Part- Time Time	66 66 66 66 66 66 66 66 66 66 66 66 66	44 4 4 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1	29
.40 Spec.	22 22 66 119 119 119 119 119 119 119 119 119	42 22 22 25 25 25 25 25 25 25 25 25 25 25	0 4
r, 1939-40 Soph. Spec.	26 113 113 113 167 167 167 17 18 18 18 18 18 18 18 18 18 18 18 18 18	158 10 212 36 70 310 1129 99 1132 1133 1133 1133 1133 1133 1	\$0
ENROLLMENT, 1939-40 al Fresh. Soph. Sp	53 0 0 0 0 61 105 253 253 253 142 27 27	252 56 352 149 116 598 224 214 187 137 56	54
ENR	201 120 41 133 123 86 60 61 60 60 105 88 86 86 60 105 228 228 82 227	424 68 68 193 193 908 424 405 337 332 88	101
YEARS IN- ACCREDI-	DD		-nq Dn-
YEARS IN-	Two	Two	Two
ORGAN- IZED AS JR. COLL.	1934 1927 1932 1939 1939 1934 1938 1936 1931 1931 1931 1931	1922 1914 1923 1938 1932 1914 1918 1926 1923 1923	1938 1940
CONTROL OR AFFILIA- TION	Private	Public Private Public Public Public Public Public Catholic Er.Meth.	Public Public
TYPE	OSSSSSSSSSSSSSS	000000000000	OO
TITLE	Dir. Dir. Dir. Hdm. Pres.	Dean Dean Dean Dean Dean Pres. Dean Dir. Dean Dean Pres.	Dean Dean
ADMINISTRATIVE HEAD	Irving T. Richards E. K. Chamberlain Theresa G. Leary Earle S. Wallace George O. Bierkoe Edith A. Richardson Mrs. G. B. Jones Mrs. J. K. Milliken Mrs. M. L. B. Sharp Guy M. Winslow Henry D. Tiffany, Jr. Jane Brooks C. Ruggles Smith William F. Carlson James L. Conrad Mrs. M. W. Potter Matthew J. Malloy Beatrice Williams W. A. Lotz	Geo. E. Butterfield Roy Newton W. S. Shattuck Kenneth MacLeod R. Ernest Dear Arthur Andrews Geo. I. Altenburg Wm. N. Atkinson A. G. Umbreit John H. McKenzie Sist. M. Annunciata LeRoy M. Lowell V. K. Nikander	G. Clair Jordan R. I. Meland
LOCATION	Cambridge Boston Franklin Frides Crossing Boston Norion Boston Norion Waltham Waltham Wellesley Boston Wellesley Boston Wellesley Boston Wellesley Boston Wellesley Boston Boston	Bay City Big Rapids Flint Flint Dearborn Ironwood Grand Rapids Highland Park Jackson Muskegon Port Huron Plymouth Spring Arbor	Albert Lea Austin
Institution	MASSACHUSETTS (Continued) Cambridge School of Lib. Arts †Chamberlain School *Chamberlayne Junior College Dean Academy †Endicott, Inc. †Erskine *Garland School †House in the Pines †Katharine Gibbs School *Lasell Junior College Leicester Academy Mary Brooks School †Middlesex University Jr. Coll. †Mount Ida, Inc. *Nichols Junior College Pine Manor Junior College †Stratford School †Stratford School	*Bay City Junior College *Ferris Institute Junior College *Finit Junior College *Gogebic Junior College *Gogebic Junior College *Grand Rapids Junior College *Highland Park Junior College *Jackson Junior College *Jackson Junior College *Parskeyon Junior College *Port Huron Junior College *Port Huron Junior College *Port Huron Junior College *Presentation Junior College *Spring Arbor Sem. and Jr. Coll. Suomi College	MINNESOTA Albert Lea Junior College Austin Junior College

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16 48 30 30 45 1133 167 78 62 62 47	11 12 13 13 13 13 13 13 13 13 13 13 13 13 13
32 91 57 57 50 68 68 279 103 167 150 150 150	22 284 284 256 220 220 250 250 250 250 250 250 250 250
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Two	Four Two Two Two Four Two
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Lutheran Baptist Public Lutheran Public	Episcopal Baptist Baptist District
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Pres. Dean Dean Dean Dean Dean Dean Dean Dean	Rector Pres.
S. C. Ylvisaker Emery A. Johnson Emil Heintz Martin Graebner Thomas W. Simons R. D. Chadwick Sigurd F. Olson O. H. Gibson H. A. Drescher Joseph B. Davis R. W. Goddard E. H. Stock Floyd B. Moe	W. G. Christian S. S. Lynch F. E. May James M. Ewing L. O. Todd J. M. Tubb Richard G. Cox C. J. Darby M. P. L. Berry G. M. McLendon R. M. Branch J. B. Young G. F. Campbell J. L. McCaskill R. C. Pugh R. C. Pugh R. C. Pugh R. E. L. Sutherland John Long J. M. Kenna Paul M. West Sinclair Daniel Edward W. Seay
Mankato St. Paul Brainerd St. Paul Crosby Duluth Ely Eveleth Hibbing Coleraine Rochester Tracy Virginia	Vicksburg Kosciusko Newton Newton Wesson Decatur Scooba Gulfport Perkinston Clinton Raymond Goodman Elisville West Point Meridian Senatobia Okolona Peplarville Elisville Wast Point Moridian Senatobia Okolona Bayarville Edwards Senatobia
Bethany Lutheran College Bethel Junior College Brainerd Junior College Concordia College Concordia College Crosby-Ironton Junior College Duluth Junior College Ely Junior College Hibbing Junior College Hibbing Junior College Tracy Junior College Tracy Junior College Virginia Junior College Worthington Junior College Worthing Junior College Worthington Junior College	All Saints' Episcopal College Central Mississippi Coll. (N) †† Clarke Memorial College Copiah-Lincoln Junior College East Central Junior College Gulf Park College Gulf Park College Harrison-Stone-Jackson Jr. Coll. Hillman College Hillman College Hillman College Hillman College Mary Holmes Junior College Jones County Junior College Mary Holmes Jr. College Northwest Mississippi Jr. Coll. Okolona Industrial School (N) Pearl River Junior College Southern Christian Inst. (N) Southwest Mississippi Jr. Coll. Southwest Mississippi Jr. Coll. Southwest Mississippi Jr. Coll. Whitworth College

(*) Active member of the American Association of Junior Colleges.

(†) Associate member of the American Association of Junior Colleges.

(††) No report. Data taken from Christian Higher Education.

(||) Affiliated with Catholic University of America.

(n) Additional enrollment in lower two years, 28.

(o) Includes 7 third year students.

(p) Additional enrollment in lower two years, 21.

(q) Additional enrollment in lower two years, 112.

(g) Additional enrollment in lower three years, 63.

(g) Additional enrollment in lower two years, 56.

(u) Additional enrollment in lower two years, 64.

(u) Additional enrollment in lower two years, 64.

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LLTY Part- Fime	1004111180084488178800112881	120 100 4	0 0 2 2 8 8
FACULTY 1940-41 - Full. Part- Time Time	235 235 247 258 258 258 258 258 258 258 258 258 258	46164	10 3 12 7
Spec.	286 286 286 286 286 286 286 287 287 287 287 287 287 287 287 287 287	28 28	83°118
r, 1939-40 Soph. Spec.	221 222 223 233 253 253 253 253 253 253 253	4 17 165	15 24 57 54
ENROLLMENT, 1939-40 tal Fresh. Soph. Sp	24 188 108 128 128 128 263 263 263 177 177 177 177 177 177 177 177 177 17	132 19 275	\$5888
Enr	226 236 326 326 164 164 165 177 173 286 286 286 173 173 173 174 175 176 186 186 186 186 186 186 186 18	138 62 570	124 110 159 211 196
YEARS IN- ACCREDI- CLUDED TATION		D DD DDUW DDUW	-000 -000 -000 -000 -000
YEARS IN- CLUDED	Two	Two Two Two Four	Two Two Two Two
ORCAN- IZED AS JR. COLL.	1930 1913 1920 1927 1926 1927 1927 1927 1927 1928 1929 1929 1921 1921 1921 1921	1939 1940 1932 1929	1925 1925 1926 1923 1932
CONTROL OR AFFILIA- TION	Methodist Disciples Catholic P.E.O. Public Baptist Congl. Public Public Public Public Public Public Catholic Catholic Catholic Public	District District Catholic State Private	Lutheran Lutheran Public Catholic Public
TYPE	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	00000	೮೮೮≱೮
Title	Pres. Pres. Pres. Dean Pres.	Dean Dean Pres. Pres.	Pres. Pres. Dean Pres. Dean
ADMINISTRATIVE HEAD	C. A. Greene James C. Miller Edward E. Malone Marjorie Mitchell Irvin F. Coyle W. A. Kleckner G. Byron Smith G. J. Linker E. A. Elliott A. M. Swanson A. M. Swanson A. M. Spohrer H. O. Cook M. A. Spohrer H. D. McEachen Sist. M. Chrysologa Nelle Blum Mother M. Ancilla Albert J. C. Moeller Courts Redford James M. Wood Ruth Harris S. M. Rissler L. H. Ungles H. G. Harmon	G. H. Gloege L. J. Aikins James Donovan G. H. Vande Bogart Jeffrey Jennings	Karl F. Weltner Paul M. Lindberg J. R. Johnson Mother M. Gerard Wayne W. Johnson
LOCATION	Warrenton Columbia Conception Nevada Flat River Hannibal Iberia Jefferson City Joplin Kansas City Boonville Kansas City Moberly Moberly Motert St. Louis St. Joseph O'Fallon Concordia Bolivar Columbia St. Louis Frenton Lexington	Miles City Glendive Great Falls Havre Gallatin Gateway	Hebron Wahoo McCook Omaha Scottsbluff
Institution	Missouri Central Wesleyan College Christian College Conception Junior College Cottey Junior College Flat River, Junior College Flat River, Junior College Hannibal-La Grange College Jefferson City Junior College Joplin Junior College Kanass City, Junior College Kanser City, Junior College Kanner Military School Lincoln Junior College Monett Junior College Monett Junior College St. Mary's Junior College St. Mary's Junior College St. Paul's College St. Paul's College St. Paul's College St. Paul's College St. Accorded College St. Paul's College St. Paul's College St. Paul's College St. Mary's Junior College St. Paul's College St. Paul's College St. Mary's Junior College St. Mary's Junior College St. Mary's Junior College Stowhwest Baptist College Stowe Teachers Coll., Jr.Coll.of Trenton Junior College Stowe Teachers Coll., Jr. Coll.of Trenton Junior College	*Custer County Junior College *Dawson County Junior College Great Falls Junior College *Northern Montana College †Yellowstone Park School	*Hebron Junior College *Luther College *McCook Junior College *St. Mary, College of *Scottsbluff Junior College
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107 53 23	120 103 53 53 50 60 49 55 50 85 85 85	275 125	40 40 82 83 83 83 83 83
165 74 42	388 377 127 129 90 62 62 62 63 61 100	384 203	28 28 2 28 2 2
336 129 65	508 173 302 100 482 183 250 146 569 569	991 328	105 100 422 51 bb 90 225 225 225 908 113 550 24ce
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Baptist Private Private	Private Methodist Private Private Public Private Private Private Private Private Private	State State	V Private 1935 Two D-M 105 V Private 1931 Two D-M 100 C Private 1937 Two D
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Pres. Pres.	Pres. Pres. Pres. Pres. Dean Dean Pres. Pres. Pres. Pres.	Pres. Supt.	Pres.
H. Leslie Sawyer Richard D. Curier James E. Coons	C. L. Littel R. J. Trevorrow Adolph M. Koch Percy B. Crawford Ladd M. Lukats Edw. G. Schlaefer Arthur Scott Platt David Bucharest Arthur E. Armitage Charles G. Cole	Donald W. MacKay D. C. Pearson	Courtney Carroll Doris L. Flick Geo. A. Spaulding B. C. Harrington Arthur J. Doege Mrs. J. G. Cosgrave E. C. Lunger F. C. Lunger T. Louis A. Rice Paul D. Shafer Ernest W. Veigel, Jr. Samuel Cummings
New London Rye Beach Tilton	Teaneck Hackettstown Newark Belmar Perth Amboy Long Branch Morristown Newark Camden Roselle	Portales Roswell	E E E
NEW HAMPSHIRE Colby Junior College Stoneleigh College Tilton Junior College	*Bergen County, Jr. College of *Centenary Junior College †Essex Junior College King's College King's College Middlesex Junior College *Mommouth Junior College †Morris Junior College †Newark Junior College *South Jersey, College *South Jersey, College *Union Junior College	NEW MEXICO *Eastern New Mexico College *New Mexico Military Institute	*Bennett Junior College *Briarcliff Junior College †Bryant & Stratton Bus.Inst.,Inc. Buffalo *Cazenovia Seminary *Concordia Collegiate Institute *Finch Junior College †McKechnie-Lunger Schl.of Com. Rochester †New York Business Institute †Packard School *Packard School
		293	

^(*) Active member of the American Association of Junior Colleges.

(†) Associate member of the American Association of Junior Colleges.

(†) Accredited by University Senate of the Methodist Church.

(§) Accredited as a business institute.

(*) Post graduate.

(*) Additional enrollment in lower two years, 20.

⁽w) Additional enrollment in lower two years, 421.
(x) Additional enrollment in lower two years, 279.
(as) Third year students.
(bb) Additional enrollment in lower two years, 26.
(cc) Additional enrollment in lower two years, 26.
(cc) Additional enrollment in lower two years, 16.

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LTY -41 Part-	000000000000000000000000000000000000000	14 0 16 5	44
FACULTY 1940-41 Full. Part- Time Time	28 29 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{c} 3 \\ 111 \\ 0 \\ 27 \end{array}$	ဖကက
40 Spec.	113 128 288 28 20 141 111 114 115 115 115 115 115 115 115	48 36 11	30
Soph. Spec.	65 173 173 173 173 173 173 174 175 176 176 176 176 176 176 176 176	4 61 30 171	22
ENROLLMENT, 1939-40	85 234 46 85 85 85 85 85 85 85 85 85 85 85 85 85	80 88 29 315	33
ENRC	155 173 173 173 173 173 173 173 174 176 176 176 176 176 176 176 176 176 176	149 171 95 497	1088
ACCREDI-	DU-100 DU-		
Years In- cluded	Two	Two Two Two	Two Two Two
ORGAN- IZED AS JR. COLL.	1931 1927 1928 1934 1935 1935 1935 1935 1938 1918 1928 1938 1938 1939 1930	1939 1925 1936 1903	1924 1932 1940
CONTROL OR AFFILIA- TION	Presby. Catholic Public Baptist Methodist Baptist Private Lutheran Presby. Presby. Presby. Methodist Presby. Methodist Presby. Presby. Methodist Presby. Catholic Catholic Catholic Catholic Catholic	Public State State State	YMCA Private Catholic
TYPE	OKKKOZOOCOOCOOK	0000	OOÞ
Тите	Pres. Rector Dean Pres.	Dean Pres. Dir. Pres.	Dir. Dir. Dean
ADMINISTRATIVE HEAD	L. S. Cozart Cuthbert E. Allen J. J. Stevenson J. R. Cantrell Eugene J. Coltrane Leslie H. Campbell J. L. Carrick Mr.&Mrs. W. J. Jones H. Nau Edgar H. Tutts Walter Patten Hoyt Blackwell Grace K. Ramsay R. C. Anderson Frank P. Graham T. O. Wright Wm. C. Pressly W. S. Sharp Mr.&Mrs. W. J. Jones Louis C. LaMotte D. S. Nichols Sister M. Raphael Mother A. Foret Mrs. E. Cruitshank C. C. Burris	Walter J. Swensen A. F. Arnason J. E. Demmer E. F. Riley	G. McConaughy C. G. Giffin Sister M. Adrian
LOCATION	Concord Belmont Asheville Boiling Springs Brevard Buir's Creek Murfreesboro Salemburg Greensboro Banner Elk Louisburg Mars Hill Statesville Montreat Chapel Hill Oak Ridge Raleigh Misenheimer Salemburg Maxton Elizabeth City Belmont Asheville	Bismarck Bottineau Ellendale Wahpeton	Dayton Van Wert Canton
Institution	*Barber-Scotia Jr. Coll. (N) *Balmont Abbey College *Biltmore College *Biltmore College *Brevard College *Campbell College *Chowan Junior College *Chowan Junior College *Chowan Junior College *Chowson Junior College *Louisburg College *Mars Hill College *Mars Hill College *Witchell College *Witchell College *Tourisburg College *Printeat College *No Carolina, Gen. Col. of Un. of *Oak Ridge Military Institute *Peace Junior College *Preiffer Junior College *Preiffer Junior College *Presbyterian Junior College *Presbyterian Junior College *Presbyterian Junior College *Presbyterian Junior College *Roanoke Institute (N) ‡‡ *Sacred Heart Junior College *St. Genevieve-of-the-Pines Jr. Coll. *St. Mary's Junior College *Roanoke Institute (N) †‡ *Sacred Heart Junior College *Roanoke Institute College *Roanoke Institute College *St. Genevieve-of-the-Pines Jr. Coll. *St. Mary's Junior College *Wingate Junior College	NORTH DAKOTA Bismarck Junior College *N. Dakota School of Forestry *State Normal Industrial School *N. Dakota St. School of Science	оню †Dayton YMCA College Giffin College Mount Marie Junior College
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98 133 125 144 27	127 900 900 900 900 900 900 900 90
141 362 233 249 45	218 99 1123ee 1236 141 797ff 1437 562 582 583 581 107 107 108 852 853 853 853 854 756 756 756 756 756 756 756 756 756 756
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$\begin{array}{c} Two \\ Two \\ Two \\ Two \end{array}$	Two Four Four Two
1936 1930 1918 1938	1926 1927 1927 1928 1927 1937 1938 1938 1938 1938 1938 1938 1938 1938
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Pres. Pres. Dir. Pres.	Dir. Pres.
J. H. Kutscher R. E. Hoffhines F. J. Miller R. L. Carter Russell Eaton	Emily B. Smith Benj. D. Weeks Paul C. Norvell E. H. Black C. M. Conwill B. F. Johnson Jacob Johnson N. L. George C. C. Dunlap Paul R. Taylor G. S. Sanders B. A. McElyea Elmer Fraker Sister M. Ursula M. C. Courtney Bessie M. Huff S. C. Percefull H. E. Wrinkle Walter E. Downs Andrew Bramlett Oscar McMahan W. A. Rutledge Mark F. Braun H. D. Kniseley John G. Mitchell M. B. Nelson J. O. Shaw Loren N. Brown Howard H. Hart R. R. Russell
Oberlin Columbus Tiffin Toledo Urbana	Altus Bacone Barlesville Bristow Lawton Carnegie Warner Duncan Wilburton El Reno Holdenville Hobart Mangum Tulsa Muskogee Miami Oklahoma City Claremore Okahoma Sayue Sayue Sayue Sayue Sayue Sayulpa Seminole Shidler Frederick Tonkawa Wetumka
*Oberlin School of Commerce *Office Training School *Tiffn Business University *Toledo Junior College, Univ. of *Urbana Junior College	*Altus College *Bacone College *Barlesville Junior College *Bristow Junior College *Cameron State Agric. Coll. Carnegie Junior College *Connors State Agric. Coll. *Connors State Agric. Coll. *Duncan Junior College *Eastern Okla. A. and M. Coll. *El Reno Junior College Holdenville Junior College *Magnum Junior College *Murray State School of Agric. *Murkogee Junior College *Murray State School of Agric. *Oklahoma City Junior College *Northeastern Okla. Jr. College Oklahoma Western Jr. College Oklahoma Western Jr. Coll. *St. Gregory's College St. Oklahoma Vestern Jr. Coll. *University Junior College
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(4) Formerly Capitol Hill Junior College.
(5) Formerly Sayre Junior College.
(dd) Additional enrollment in lower two years, 52.
(ee) Additional enrollment in lower two years, 432.
(ff) Additional enrollment in lower two years, 33.

^(*) Active member of the American Association of Junior Colleges.

(†) Associate member of the American Association of Junior Colleges,
(†) No report. Data taken from Christian Higher Education.

(†) No report. Data taken from American Junior Colleges.
(||) Affiliated with Catholic University of America.

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	INSTITUTION ORECON *Multnomah College *St. Helen's Hall Junior College	*Alliance College *Altoona Undergraduate Center *Bucknell University Jr. Coll. *DuBois Undergraduate Center *Erie Center, Univ. of Pitts. †Harcum Junior College †Harrisburg AcadJr. College †Harrisburg AcadJr. College *Hazleton Undergraduate Center *Hazleton Undergraduate Center *Hershey Junior College *Johnstown Center,Univ.of Pitts. †Linden Hall *Messiah Bible College †Mount Aloysius Junior College †North Braddock WPA Jr. Coll. *Ogontz Junior College *Penn Hall Junior College St. John Kanty College *Schuykill Undergrad. Center *Scranton-Keystone Jr. Coll. †Washington Seminary Wildcliff Junior College *Valley Forge Military Jr. Coll. †Washington Seminary Wildcliff Junior College *Williamsport Dickinson Sem.	*Anderson College Avery Institute (N) Bettis Acad. and Jr. Coll. (N) Clinton Junior College (N) Coulter Memorial Jr. Coll. (N)
	LOCATION Portland	Cambridge Springs Altoona Wilkes-Barre DuBois Erie Brun Mawr Harrisburg Hazleton Hershey Johnstown Lititz Grantham Cresson North Braddock Rydal Chambersburg Erie Pottsville La Plume Wayne Washington Swarthmore Williamsport	Anderson Charleston Trenton Rock Hill Cheraw
ADMINISTRATIVE	HEAD Edward L. Clark Sister W. Lucia	B. John J. Kolasa R. E. Eiche Eugene S. Farley Edwin W. Zoller J. Lloyd Mahony Edith H. Harcum Frank C. Baldwin Coleman Herpel A. G. Breidenstine Viers W. Adams F. W. Stengel A. W. Climenhaga Sister M. de Sales A. W. Climenhaga Sister M. de Sales A. M. Snyder Abby A. Sutherland Frank S. Magill Stephen Krol R. W. Brewster B. S. Hollinshead Milton G. Baker Jane C. Maxfield H. M. Crist John W. Long Arthur C. Harper	Annie D. Denmark Frank A. DeCosta A. W. Nicholson Edward W. Brice G. W. Long
	TITLE Pres. Pres.	Pres. Pres. Dir. Head Head Head Head Dean Head Dean Pres. Pres. Pres. Pres. Pres. Pres. Pres. Pres.	Pres. Dir. Pres. Pres.
	TYPE C	SOOOBACOOBOBOBBACOOBBBCO	00000
CONTROL OR AFFILIA-	TION YMCA Episcopal	Private State Baptist State Baptist Private	Baptist Congl.Chr. Private Private Presby.
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FACULTY 1940-41 Full. Part-	Time Time 17 28 13 16	155 154 154 155 156 167 167 167 167 167 167 167 167 167 16	10 0 10 4
Part.	iii 16 28	10202221010100872642110110108889	646 17

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*Friendship Junior College (N) *North Greenville Jr. College Our Lady of Mercy Jr. Coll. *Textile Industrial Institute *Voorhees N. and I. School (N) Wesleyan Methodist College	SOUTH DAKOTA Freeman Junior College Mount Marty Junior College Notre Dame Junior College • Wessington Springs College	Purritt College‡ Purritt College‡ †Christian Brothers College *David Lipscomb College *Freed-Hardeman College *Hiwassee College Martin Junior College Morristown N. & I. Jr. Coll. (N) *Peabody Experimental Jr. Coll. *Southern Junior College *Swift Memorial Jr. College *Swift Memorial Jr. College *Tennessee Jr. College, Univ. of *Tennessee Wesleyan College *Tevacca Nazarene College *Trevacca Nazarene College *Trevacca Nazarene College	*Amarillo College Blinn College Brownsville Junior College Butler College (N) Cisco Junior College Clarendon Junior College
Rock Hill Tigerville Charleston Spartanburg Denmark	Freeman Yankton Mitchell Wessington Spgs.	Spencer Memphis Nashville Henderson Madisonville Pulaski Morristown Nashville Collegedale Rogersville Martin Athens Nashville	Amarillo Brenham Brownsville Tyler Gisco Clarendon
James H. Goudlock M. C. Donnan Sister M. Genevieve R. B. Burgess J. E. Blanton John F. Childs	John D. Unruh Mother M. Jerome J. M. Brady W. A. Harden	H. E. Scott Brother I. Leo E. H. Ijams N. B. Hardeman T. A. Frick Keener L. Rudolph J. W. Haywood Joseph Roemer J. C. Thompson W. C. Hargrave Paul Meek James L. Robb A. B. Mackey Joseph E. Burk	J. F. Mead Chas. F. Schmidt E. C. Dodd Isaiah Jackson H. R. Garrett H. T. Burton
Pres. Dean Pres. Prin. Pres.	Pres. Pres. Pres.	Pres. Dean Pres. Pres. Pres. Pres. Pres. Pres. Pres. Pres. Pres.	Pres. Pres. Pres. V.Pres. Pres.
C Baptist C Baptist W Catholic C Methodist C Episcopal C Wes.Meth.	C Mennonite W Catholic C Catholic C Fr.Meth.	C Ch. of Chr. C Catholic C Ch. of Chr. C Ch. C Ch. of Chr. C Ch.	C Public C District C Public C Baptist C Public
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(*) Active member of the American Association of Junior Colleges. (†) Associate member of the American Association of Junior Colleges. (‡) No report. Data taken from American Junior Colleges. (||) Affiliated with Catholic University of America.

⁽f) Accredited by University Senate of the Methodist Church. (grg) Additional enrollment in lower two years, 20. (hb) Additional enrollment in lower two years, 23. (ii) Additional enrollment in lower two years, 13.

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ENR	Total	t	105	382	176	200	100	376	131	1833	162511	542	347	300	240	2148	105	127	215	273	251	164	148	24	4/1	80	297	164	386	150
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	TITLE		Pres.	Pres.	Pres.	Pres.	Pres.	Pres.	Pres.	Dean	Dean	Pres.	Pres.	Pres.	Pres.	Dean	Pres.	Pres.	Pres.	Pres.	Dir.	Pres.	Pres.	Hdm.	Fres.	Sunt.	Pres.	Dean	Pres.	Pres.
A	ADMINISTRATIVE HEAD	E	C. Tyssen Wm. A. Johnson	R. B. Fisher	J. L. Ward	H. O. McCain	J. R. Lockett	H. D. Fillers I. W. Hartsfield	Ela Hockaday	N. K. Dupre	J. Thomas Davis	C. W. Bingman	Harmon Lowman	C. E. Peeples	T. B. Jones	Edward E. Davis	Sister M. Albertine	W. T. Walton	Artemesia Bowden	Wilson H. Elkins	J. E. Nelson	H. H. Hamilton	Joe R. Humphrey	S. M. Davis	H. W. Stilwell	Wm. F. Kraushaar	J. M. Hodges	W. E. Eckles	G. W. McDonald	Clarence A. Sutton
	LOCATION		Clifton	Corpus Christi	Decatur	Edinburg Gainesville	Seguin	Wichita Falls Hillshoro	Dallas	Houston	Stephenville	Beaumont	Goose Creek	Jacksonville	Crockett	Arlington	Fort Worth	Paris Ranger	San Antonio	San Angelo	San Antonio Kerrville	Keene	Temple	Dallas	Texarkana	Terrell	Tyler	Victoria	Plainview Weatherford	Tehuacana
	Institution	TEXAS (Continued)	Clifton Junior College Conroe N. and I. College (N)	*Corpus Christi Junior College	Decatur Baptist College	*Gainesville Junior College	Guadalupe College (N) it	*Hardin Junior College *Hillshoro Iunior College	*Hockaday Junior College	*Houston Junior College	* John Tarleton Agric. College	Lamar College	*		Mary Allen Junior College (N)	North Texas Jr. Agric. College	Our Lady of Victory College	*Ranger Innior College	*St. Philip's Junior College	*San Angelo College	*Sahrainer Institute	Southwestern Junior College	*Temple Junior College	Terrill Junior College	*Texarkana College	Teves Military College	*Tyler Junior College	*Victoria Junior College	*Wayland Baptist College *Weatherford College	Westminster College
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	Pres. Pres. Dir. Pres.	Pres. Pres.	Pres.	Dean Dean Pres. Pres. Dean
	Elden B. Sessions Glenn E. Snow James A. Nuttall Henry Oberhansley H. A. Dixon Robert D. Steele	Royce S. Pitkin Jesse P. Bogue John H. Kingsley	Carrie Sutherlin Curis Bishop J. Paul Glick Edwin C. Wade John L. Stauffer W. B. Gates John L. Carter H. J. Rhyne William T. Hodges J. Alvin Russell Wade S. Miller Robert Lee Durham John C. Simpson W. E. Martin H. G. Noffsinger	Margaret Corbet Lewis D. Cannell Lewis C. Tidball T. D. Schindler Charles H. Lewis
	Price St. George Ephraim Cedar City Ogden Salt Lake City	Plainfield Poultney Montpelier	Arlington Danville Blackstone Bluefield Harrisonburg Waynesboro Ferrum Marion Norfolk Lawrenceville Dayton Petersburg Buena Vista Danville Bristol	Centralia Vancouver Aberdeen Longview Mount Vernon
UTAH	*Carbon College *Dixie Junior College *Snow College Utah, Branch Agric. College of *Weber College Westminster College	VERMONT *Goddard College *Green Mountain Jr. College *Vermont Junior College	*Arlington Hall Junior College *Averett College *Blackstone College *Bluefield College *Bluefield College Eastern Mennonite School *Fairfax Hall Junior College Ferrum Junior College *Marion College *Marion College *Norfolk Div., Coll. Wm.&Mary‡ St. Paul N. and I. School (N) *Shenandoah College *Southern College *Southern Sem. and Jr. College *Sutafford College *Sutlins College *Sutlins College *Sutlins College *Sutlins College	*Centralia Junior College Centralia *Clark Junior College Vancouver *Crays Harbor Junior College Aberdeen *Lower Columbia Junior College Longview *Mount Vernon Junior College Mount Vernon

Active member of the American Association of Junior Colleges. Associate member of the American Association of Junior Colleges. Accredited by University Senate of the Methodist Church. No report. Data taken from 1940 Directory. No report. Data taken from American Junior Colleges. No report. Data taken from American Junior Colleges. No report. Data taken from Christian Higher Education. Additional enrollment in lower two years, 69.

(II) Additional enrollment in lower two years, 201.

(mn) Additional enrollment in lower two years, 90.

(no) Include 23 third year students.

(co) Additional enrollment in lower two years, 31.

(pp) Additional enrollment in lower two years, 6.

(qq) Additional enrollment in lower two years, 77.

(rr) Additional enrollment in lower two years, 17.

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